

Tokyo Metropolitan University
Graduate School of Science
Application Guidelines for 2027 Doctoral Program
<April Enrollment>

Examination: **February 12 (Fri.), 2027**

Administrative affairs concerning entrance examinations to the Graduate School of Science
are handled by the following office:

Academic Affairs Section of Science
Academic and Student Affairs Division of Sciences
Administrative Affairs Department of Tokyo Metropolitan University
1-1 Minami-Osawa, Hachioji-shi, Tokyo 192-0397
Tel: 042-677-1111 (Rep.) ext. 3021
<https://www.se.tmu.ac.jp/>

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Admissions Policies of the Graduate School of Science Tokyo Metropolitan University
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Graduate School of Science seeks individuals who acquire basic knowledge of and attitudes towards natural science and enthusiastically aim to become researchers/educators/engineers with creativity and applied skills. Such individuals who have the ability and motivation to deliver their research outcomes to the world are highly welcomed, especially in the Doctoral program.

Department of Mathematical Sciences

[Master's program]

1. Policy

Mathematics has been provided the basis of natural science and played a fundamental role in its development, whose significance is more widely recognized in the present day. The department intends to undertake education and research in the 4 areas of mathematical sciences, including algebra, geometry, analysis (main fields of mathematics) plus applied mathematics, from an extended position not bound by the field framework.

2. Ideal students

- (1) Individuals with a basic understanding and awareness of various issues in mathematical sciences
- (2) Individuals capable of acquiring knowledge from a global perspective and willingly taking on challenges in research tasks
- (3) Individuals who are motivated to attain various abilities to solve problems

3. Ability required for students

- (1) Fundamental academic ability of mathematical sciences and spirit of inquiry for the desired field
- (2) Fundamental ability to discover and solve problems on their initiative in the field of their choice

[Doctoral program]

1. Policy

Mathematics has been provided the basis of natural science and played a fundamental role in its development, whose significance is more widely recognized in the present day. The department intends to undertake education and research in the 4 areas of mathematical sciences, including algebra, geometry, and analysis (main fields of mathematics) plus applied mathematics, from an extended position not bound by the field framework.

2. Ideal students

- (1) Individuals having deep and extensive specialized knowledge for their research in mathematical sciences
- (2) Individuals capable of carrying out ingenious and international research activities as an independent researcher
- (3) Individuals having the ability to evaluate the significance of their research and their positioning in society objectively

3. Ability required for students

- (1) Specialized knowledge in the field of their choice and academic ability to carry out their research
- (2) Ability to discover and solve problems on their initiative in the field of their choice

Department of Physics

[Master's program]

1. Policy

The Department aims to develop persons with basic knowledge and research skills in physics, which covers a wide range of phenomena in the natural world from elementary particles/nuclei and atomic molecules, substances with diverse structures, and the universe. It also aims to develop those who can drive leading-edge scientific research in the next generation with a keen awareness of the social responsibilities involved in their research and those who can solve various social and environmental problems based on science fundamentals.

2. Ideal students

- (1) Individuals who are curious about acquiring basic knowledge in the expertise field, logical thinking skills, and practical research approaches
- (2) Individuals who are eager to acquire the necessary abilities to solve problems, conduct research, hold discussions, present research results, etc.
- (3) Individuals aiming to become researchers, professional engineers, or educators in physics

3. Ability required for students

- (1) Specialized knowledge in the field of their choice and extensive knowledge of physics
- (2) Ability to discover and solve problems on their initiative in the field of their choice

[Doctoral program]

1. Policy

The Department aims to develop persons with deep specialized knowledge and excellent research skills in physics, which covers a wide range of phenomena in the natural world from elementary particles/nuclei and atomic molecules, substances with diverse structures, and the universe. It also aims to develop those who can drive leading-edge scientific research in the next generation with a keen awareness of the social responsibilities involved in their research and those who can solve various social and environmental problems based on science fundamentals.

2. Ideal students

- (1) Individuals who are curious about acquiring deep and extensive knowledge of basic and advanced physics
- (2) Individuals aiming to become independent researchers or educators capable of carrying out international and distinguished research activities, with a keen awareness of the social responsibilities involved in their research
- (3) Individuals who are eager to attain abilities to conduct research by formulating ingenious research plans, presenting the original treatises in international academic journals, participating in international research

discussions, and reporting research results and their significances

3. Ability required for students

- (1) Deep specialized knowledge in the field of their choice
- (2) Ability to contribute to academic development through the studies of physics
- (3) Excellent research skills capable of setting pioneering research tasks on their own and solving them in the field of their choice

Department of Chemistry

[Master's program]

1. Policy

The Department aims to develop persons who understand the structure, nature, and the reaction of substances at the atomic and molecular levels, and acquire the basic knowledge of as well as fundamental research skills of chemistry, which pursues to create a new substance by carrying out the structural conversion of the molecule. It also aims to develop those who can drive leading-edge scientific research in the next generation with a keen awareness of the social responsibilities involved in their research and those who can solve various social and environmental problems based on science fundamentals.

2. Ideal students

- (1) Individuals who are keen to work on research towards the elucidation of the structures, reactions, functions, and circulations of atom/molecule and its compound/assembly as well as the synthesis of a new substance
- (2) Individuals who wish to deepen their understanding of chemistry
- (3) Individuals who have a desire to improve research skills
- (4) Individuals who wish to develop global awareness through research to be able to perform internationally
- (5) Individuals who have a passion for working as a chemistry expert in the future

3. Ability required for students

- (1) A broad range of knowledge of chemistry
- (2) Motivation for research towards the elucidation of the structures, reactions, functions, and circulations of atom/molecule and its compound/assembly as well as the synthesis of a new substance, and the ability to pursue it
- (3) Ability to discover and solve problems on their initiative in the field of their choice
- (4) Ability of foreign language required to promote their research

[Doctoral program]

1. Policy

The Department aims to develop persons who understand the structure, nature, and the reaction of substances at the atomic and molecular levels, and acquire the deep knowledge of as well as excellent research skills of chemistry, which pursues to create a new substance by carrying out the structural conversion of the molecule. It also aims to

develop those who can drive leading-edge scientific research in the next generation with a keen awareness of the social responsibilities involved in their research and those who can solve various social and environmental problems based on science fundamentals.

2. Ideal students

- (1) Individuals who show enthusiasm in contributing to deepening the human knowledge of chemistry
- (2) Individuals who are curious about acquiring deep and extensive knowledge of basic and advanced chemistry
- (3) Individuals aiming to become independent researchers or educators capable of carrying out international and distinguished research activities, with a keen awareness of the social responsibilities involved in their research
- (4) Individuals who are eager to attain abilities to conduct research by formulating ingenious research plans, presenting the original treatises in international academic journals, participating in international research discussions, and reporting research results and their significances
- (5) Individuals who wish to develop global awareness through research to be able to perform internationally
- (6) Individuals who have a passion for working as a highly specialized chemical expert in the future

3. Ability required for students

- (1) Deep specialized knowledge in the field of their choice
- (2) Motivation for research towards the elucidation of the structures, reactions, functions, and circulations of atom/molecule and its compound/assembly as well as the synthesis of a new substance, and the ability to advance it
- (3) Ability of foreign language required to promote their research

Department of Biological Sciences

[Master's program]

1. Policy

Department aims to develop students who attain basic skills to independently set and execute objectives, methods, and problems to elucidate fundamental mechanisms of biological growth and its higher-order structure, behavior, and ecology. It also aims to develop an integrated view of international perspective and communication skills to become researchers, educators, and developers capable of playing an active role domestically and internationally.

2. Ideal students

- (1) Individuals who show a keen interest in biology and biological sciences and are eager to take the initiative in research and acquisition of specialized knowledge
- (2) Individuals who have a desire to attain research skills, planning ability, and performance capability through the study of biological science
- (3) Individuals who have a passion for contributing to society as researchers, educators, and developers equipped with international perspective and communication ability

3. Ability required for students

- (1) A broad range of interests in biology and biological sciences, regardless of the university, faculty, or department they are from
- (2) Potential capacity to take the initiative in discovering and solving problems in biology, biological sciences, or another field

[Doctoral program]

1. Policy

Department aims to develop students who attain basic and advanced skills to independently set and execute objectives, methods, and problems to elucidate fundamental mechanisms of biological growth and its higher-order structure, behavior, and ecology. It also aims to develop an integrated view of both high international perspective and communication skills to become researchers, educators, and developers capable of playing an active and leading role domestically and internationally.

2. Ideal students

- (1) Individuals who pursue ingenious and leading-edge research in the fields of biological sciences
- (2) Individuals who are curious about acquiring specialized knowledge of biological sciences and attain research skills, planning ability, and performance capability to be able to be active in the front lines
- (3) Individuals who have a passion for contributing to society as researchers, educators, and developers who can play an active and leading role in the expertise field internationally

3. Ability required for students

- (1) Specialized knowledge in the field of their choice and a broad range of interests in biology and biological sciences, regardless of the university, faculty, or department they are from
- (2) Ability to take the initiative in discovering and solving problems in biology, biological sciences, or another field

1. Number of Students to be Accepted

Department	Number of Students to be Accepted
Mathematical Sciences	8
Physics	10
Chemistry	9
Biological Sciences	16

2. Qualifications *

- (1) Applicants who have obtained or are expected to obtain a master's degree by March 31, 2027
- (2) Applicants who have obtained or are expected to obtain a professional degree by March 31, 2027
- (3) Applicants who have obtained or are expected to obtain a master's degree or any other degree equivalent to a professional degree, in a foreign country, by March 31, 2027
- (4) Applicants who have obtained a master's degree or any other degree equivalent to a professional degree by completing a prescribed course offered by a foreign school through distance learning while residing in Japan
- (5) Applicants who have obtained a master's degree or any other degree equivalent to a professional degree by completing a prescribed course of study at an educational institution located in Japan that is positioned as one offering foreign graduate courses under the educational system of that country and separately designated by the Japanese Minister of Education, Culture, Sports, Science, and Technology
- (6) Applicants who are designated by the Minister of Education, Culture, Sports, Science, and Technology (1989 Ministry of Education Notification No. 118) (**Note**)
- (7) Applicants who do not fall under any of the qualifications (1) to (6) above but are recognized, through individual qualification screening, as having academic ability equal to or superior to that of a master's or professional degree holder

* Applicants who apply under qualification (6) or (7) above must undergo application qualification screening. Please submit the required documents in accordance with the instructions on pages 6–7 of these Guidelines.

(**Note**) Qualification (6) applies to applicants who meet one of the following conditions:

- (1) Applicants who have engaged in research activities for two years or more at a university, research institute, etc. after graduating from a university and are recognized by the Graduate School based on their research performance as having academic ability equal to or superior to that of a master's degree holder
- (2) Applicants who have engaged in research activities for two years or more at a university or research institute, etc. after completing 16 years of school education in a foreign country or 16 years of school education offered by a foreign school via distance learning in Japan, and are recognized by the Graduate School based on their research performance as having academic ability equal to or superior to that of a master's degree holder

3. Application Qualification Screening

Applicants who fall under the following must undergo the application qualification screening.

- Those who apply under the qualification (6) or (7)

<Application Period>

November 13 (Fri.) – 20 (Fri.), 2026

The Academic Affairs Section of Science accepts documents only on weekdays from 10:00 am to 12:00 pm and 2:00 pm to 4:00 pm (excluding national holidays).

If you send the documents by post, they must be postmarked on or before the deadline.

<Documents to Submit>

- Application Qualification Screening Form (Designated form by the Graduate School)
- Certificate of (expected) Completion of the Highest Degree Program
- Academic Transcript of the Highest Degree Program
- A Self-Addressed Return Envelope* (for notification of application approval/rejection)
 - * Standard-size, with 410-yen postage stamps affixed (express delivery fee included)
- Statement of Purpose (Designated form by the Graduate School)
- Confirmation of Educational Background (Designated form by the Graduate School)

(Notes)

- In the “Statement of purpose”, please describe your career and research experiences after completing your most recent educational institution. If there are any documents proving your engagement in research activity, attach them as well. (Examples: an academic paper, a summary of a presentation at an academic meeting, a certificate of research participation issued by a research institute, a certificate issued by a thesis adviser, etc.)
- Resubmission of both the “Certificate of (expected) graduation” and the “Academic transcript” from your most recent educational institution will not be required at the time of formal application.

<Designated Form>

The designated forms are available on the Japanese version of the Graduate School of Science website.

(https://www.se.tmu.ac.jp/entrance_exam.html)

<Place for Submission>

Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University

(Please write “**Qualification Screening Documents for the Doctoral Program Enclosed**” in red on the front left side of the envelope and send **by registered express mail**.)

<Notification of Result>

A notification will be sent out on **December 4 (Fri.), 2026**.

<Application Procedure>

Applicants who are approved through the application qualification screening may proceed with the application procedure in accordance with these Guidelines.

4. Accommodations for Applicants with Disabilities

If you require special consideration or accommodations due to a disability at the time of examination or during your studies, please notify us in advance. The designated forms are available on the Japanese version of the Graduate School of Science website. (https://www.se.tmu.ac.jp/entrance_exam.html)

<Request Acceptance Period>

November 13 (Fri.) – 20 (Fri.), 2026

The Academic Affairs Section of Science accepts documents only on weekdays from 10:00 am to 12:00 pm and 2:00 pm to 4:00 pm (excluding national holidays).

If you send the form by post, it must be postmarked on or before the deadline.

<Documents to Submit>

Request for consultation regarding entrance examination to the Doctoral Program at the Graduate School of Science (Designated form by the Graduate School)

- A Self-Addressed Return Envelope* (for notification of application approval/rejection)

* Standard-size, with 410-yen postage stamps affixed (express delivery fee included)

<Place for Submission>

Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University

(Please write “**Request for Consultation Regarding Entrance Examination for the Doctoral Program Enclosed**” in red on the front left side of the envelope and send by **registered express mail**.)

5. Application as a Working Professional

A program for working professionals is available to applicants who fall under the qualification listed in section 2 on page 6 of these Guidelines and have worked at the same company, research institution or educational institution for one year or more by the time of enrollment. Applicants must continue working for their current employer after enrollment in the Doctoral Program, with the approval of their immediate supervisor at their current place of employment. (For details, consult your prospective supervisor.) Applicants who wish to apply as a working professional must notify us in advance in accordance with the procedure described below. It is also possible to apply for the Doctoral Program as a general student without using this system.

<Request Acceptance Period>

November 13 (Fri.) – 20 (Fri.), 2026

The Academic Affairs Section of Science accepts documents only on weekdays from 10:00 am to 12:00 pm and 2:00 pm to 4:00 pm (excluding national holidays).

If you send the documents by post, they must be postmarked on or before the deadline.

<Documents to Submit>

- Curriculum Vitae (Designated form by the Graduate School)
- Application Approval Form (signed by applicant's manager) (Designated form by the Graduate School)
- Research Interest Information Sheet (Designated form by the Graduate School or a form created in accordance with it)
- Certificate of Completion from the Most Recent Educational Institution or Certificate of Expected Completion of the Master's Program
- A Self-Addressed Return Envelope* (for notification of application approval/rejection)
 - * Standard-size, with 410-yen postage stamps affixed (express delivery fee included)

[Note]

- Resubmission of "Certificate of (expected) completion of the last educational institution" will not be required at the time of formal application.

<Designated Form>

The designated forms are available on the Japanese version of the Graduate School of Science website.

(https://www.se.tmu.ac.jp/entrance_exam.html)

<Place for Submission>

Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University

(Please write "**Request for Application as a Working Professional for the Doctoral Program Enclosed**" in red on the front left side of the envelope and send by **registered express mail**.)

<Notification of Results>

A notification will be sent out on **December 4 (Fri.), 2026**.

[Note] Applicants who are required to attend an interview will be notified separately in advance.

<Application Procedure>

Applicants who are approved to apply as working professionals may proceed with the application procedure in accordance with these Guidelines.

(Graduate School of Science adopts the Special Provision on Educational Method stipulated in Article 14 of the Standards for Establishment of Graduate Schools.)

6. Long-Term Study System

The Graduate School of Science has a system in which students may complete the program on a pre-planned basis during a fixed period exceeding the standard study duration (three years for the Doctoral Program) due to circumstances such as employment, childbirth, childcare, or nursing care. Students pay the same total amount of tuition as regular students in installments over the period permitted for their long-term study.

<Eligible Applicants>

Students who have difficulty completing their course within the standard study duration due to any of the following reasons:

- (1) Occupation as a full-time employee
- (2) Childbirth, childcare, or nursing care
- (3) Other reasons approved as exceptional circumstances

<Application Procedure>

Application Information and forms are available on the Japanese version of the Graduate School of Science website. (https://www.se.tmu.ac.jp/entrance_exam.html). Send the forms together with other required application documents. For details, please refer to the Application Information.

A notification of approval/rejection for the Long-term study system is scheduled to be sent out on **February 22 (Mon.), 2027**.

For further details, please contact the Academic Affairs Section of Science. (E-mail:rikou.r@jmj.tmu.ac.jp)

7. Application Procedures

Before making an application, make sure to obtain approval from your prospective supervisor.

If your prospective supervisor plans to retire while you are enrolled in the program, please confirm in advance who will be responsible for your guidance and supervision after their retirement.

(1) Application Period

[In Person]	Date: January 8 (Fri.), 2027 (10:00 am - 12:00 pm and 2:00 pm - 3:30 pm)
	Place: Middle conference room in Building No. 8, Minami-Osawa Campus
[By Post]	Period: January 4 (Mon.) – 7 (Thu.), 2027 (postmarked on or before the deadline.)

(Notes)

- Write “**Application Forms for the Doctoral Program Enclosed**” in red on the front of the envelope and send it **by registered express mail**.
- Send the application well in advance, considering the days for mailing.
- Contact the Academic Affairs Section of Science if you do not receive your exam admission card by **January 18 (Mon.), 2027**.

(2) Documents to Submit

Application Documents	Remarks
(1) Application Form Exam Admission Card Photo Card	Use the designated form by the Graduate School. Attach a photograph (4 cm (H) × 3 cm (W)) showing your face and upper body. Caps or head coverings are not permitted, except for religious or medical reasons.

(2) Academic Transcript of the Master's Program	Issued by the president/dean of the university attended (Original hard copy) [Note] *Original documents must be either issued in paper form or printed in color from electronic data and bear the official seal of the issuing institution.
(3) Certificate of (Expected) Completion of the Master's Program	*Those who have graduated from a higher education institution in the People's Republic of China may submit an Academic Credential Certification Report and a Grade Certification Report issued by CHSI (China Higher Education Student Information) or its designated agency in Japan, instead of certificate of completion/graduation and transcripts. These documents will also be accepted. *Those who have obtained or are expected to obtain a doctoral degree must also submit a transcript and a certificate of (expected) completion of the doctoral program.
(4) Master's Thesis or an Equivalent Work	Submit a thesis abstract instead if you are unable to submit a master's thesis by the application deadline.
(5) Proof of Application Fee Payment Printout of the "Results page"	30,000 Japanese yen (Entrance examination fee) • <u>The entrance examination fee will not be refunded for any reason once the application is processed.</u> • <u>Applicants who completed a Master's program at Tokyo Metropolitan University in September 2026 or are expected to complete it in March 2027 are exempted from paying the entrance examination fee.</u> 【Online payment (e-payment site)】 [Payment on the English website] Submit a printout of the "Results page." Note: For the payment made at a convenience store or Pay-easy ATM in Japan, submit the original payment certificate. For the payment made using an electronic payment method such as credit card, internet banking, Alipay and UnionPay, submit a printout of the payment certificate or the "Results page."
(6) Return-mail Envelope	【Applicants who send the application by post only】 Write your address, name, and postal code and affix 410-yen postage stamps (express delivery fee included) on a 12 cm x 23.5 cm return envelope.
(7) Student Visa Support Form	If you require support with visa application procedures for enrollment, please submit the form together with your application materials. Support is provided for enrollment procedures only and not for entrance examinations.
(8) Certificate of MEXT Scholarship Recipient Status	MEXT scholarship students (through Embassy Recommendation or Domestic Selection) who are currently enrolled at another university but wish to enter TMU must submit the certificate of receipt of the MEXT scholarship. Note: For information on the scholarship period extension for a high-ranking academic program (including this Doctoral Program), please confirm with the university currently attending.

(9) Application Form for the Long-Term Study System	If you wish to apply for the long-term study system upon enrollment, please submit the completed forms together with other required application documents. The designated forms are available on the Graduate School of Science website (Japanese version): https://www.se.tmu.ac.jp/entrance_exam.html
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[Note]

Applicants who completed a Master's program at Tokyo Metropolitan University in September 2026 or are expected to complete it in March 2027 are not required to submit documents (2) and (3).

If you require support with visa renewal procedures, please contact the International Affairs Office at the time of enrollment. (https://www.ic.tmu.ac.jp/english/study_abroad/immigration.html)

8. Screening Method for Applicants

Applicants will be selected comprehensively based on the results of the oral examination, the contents of the master's thesis (or an equivalent work providing an outline of recent research), and the academic transcript issued by the university attended.

- (1) Examination Date: **February 12 (Fri.), 2027**
- (2) Examination Venue: Building 8, 11, or 12 Minami-Osawa Campus, Tokyo Metropolitan University
(Details will be provided with the examination admission card.)
- (3) Examination Subjects (oral examination): Specialized subjects, mainly assessed through an oral examination

Department	Subject
Mathematical Sciences	Math
Physics	Physics
Chemistry	Chemistry
Biological Sciences	Biology

See page 16 for the examination timetable.

9. Announcement of Results

Date & Time: **February 22 (Mon.), 2027 at 2:00 pm**

Place: Graduate School of Science Website: <https://www.se.tmu.ac.jp/index.html>

Examination numbers of the successful applicants will also be posted on the Graduate School of Science website. Please note that telephone inquiries are not accepted.

- (1) A Letter of acceptance will be provided to the successful applicants in exchange for their Exam admission card at the Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University on the dates below.
 - **February 22 (Mon.), 2027 from 2:00 pm to 5:00 pm**
 - **February 23 (Tue.) – 24 (Wed.), 2027 from 10:00 am to 12:00 pm and 2:00 pm to 5:00 pm**

10. Enrollment Procedures

Successful applicants are requested to complete the enrollment procedure during the designated period.

Details will be provided after the announcement of the result.

11. Admission Fee, Tuition Fees, and Scholarships

(1) Admission Fee

Residents of Tokyo: 141,000 Japanese yen (current amount)

Others: 282,000 Japanese yen (current amount)

Notes:

- If the fee is revised, the revised fee will apply.
- **If you have completed a Master's program at Tokyo Metropolitan University in September 2026 or are expected to complete it in March 2027, you will be exempted from paying the admission fee.**
- To be eligible for the resident classification, you, your spouse or relative of the first degree must have resided in Tokyo continuously for over one year before the date of enrollment (from April 1, 2026 to April 1, 2027). The decision on granting of the eligibility requires your “Certificate of items stated in resident register 住民票記載事項証明書” (if you are a Tokyo resident) or “Certificate of items stated in resident register 住民票記載事項証明書” and “Extract of family register 戸籍抄本” of your spouse or relative to prove the kinship (if they are a Tokyo resident).

(2) Tuition Fees

Annual amount: 520,800 Japanese yen (current amount)

- The tuition fee should be paid by account transfer. Half of the annual amount (260,400 Japanese yen) is charged from the bank account in late May and October.
- If the tuition fee is revised during the Academic Year 2026, the revised fee will apply.
- A tuition exemption/reduction system is available.

(3) Scholarships

Grant-type scholarships are available to those enrolled in the Doctoral Program of Tokyo Metropolitan University. Details can be confirmed on the website of the Student Affairs Division (<https://gs.tmu.ac.jp/scholarship/>) (Japanese site).

If you wish to apply, please contact the Academic Affairs Section of Science before the application period starts. An individual application is not required because the university selects the candidates after screening. Please note that a scholarship will not be provided to all applicants due to budgetary limits.

12. Provision of Educational and Training Opportunities

Teaching assistantships, research assistantships, and financial support for travel to domestic and international academic conferences are available.

13. Important Notes

- (1) Incomplete application documents will not be accepted.
- (2) No documents submitted will be returned, nor will the entrance examination fee be refunded for any reason after the application has been processed.
- (3) Make sure to bring the Exam Admission Card on the day of the examination.
- (4) If any fraud or other act of dishonesty is found during the entrance examination or in the application procedures, enrollment will be rescinded even after admission has been granted.
- (5) The University does not arrange accommodations for examinees.
- (6) Tokyo Metropolitan University has established the "Tokyo Public University Corporation Security Export Control Regulations" based on the "Foreign Exchange and Foreign Trade Act" and carries out strict screening from the perspective of providing technology and exporting goods when accepting international students. Please note that those falling under the regulated matters may not be admitted to the University or be restricted in the research activities they wish to do at the University. For further information, please refer to the following website of the University's Security Export Control.

<https://www.tmu.ac.jp/cooperation/compliance/exportcontrol.html> (Japanese site)

14. Payment of Entrance Examination Fee

- (1) Online Payment (e-shiharai.net)

For details on the payment method, please refer to “How to Pay the Entrance Examination Fee to the Graduate School of Science of Tokyo Metropolitan University.” The service charge must be paid by the applicant.

[Payment made on the Japanese website]

After the payment, detach the “Payment certificate” portion of the “Handling statement of entrance exam/screening fee”, paste it on the “Certificate for a Fee Payment by Using Payment Slip or Online Payment System”, and submit it together with other application documents.

[Payment made on English website]

After the payment, submit a printout of the “Results page” together with other application documents.

[Note] For the payment made at a convenience store or Pay-easy ATM in Japan, submit the original payment certificate. For the payment made using an electronic payment method such as credit card, internet banking, Alipay and UnionPay, submit a printout of the payment certificate or the “Results page.”

<Payment Period>

December 18 (Fri.), 2026– January 8 (Fri.), 2027

[Note] For questions concerning the procedures of e-shiharai.net, please refer to “Frequently Asked Questions” on the website (<https://e-shiharai.net/ecard/sss/FAQ.html>) and contact the e-Service Support Center.

◆ **Entrance Examination Fee Exemption to the Persons Affected by the Natural Disaster** ◆

Applicants affected by any of the following natural disasters will be exempted from paying the entrance examination fee. Please consult with the Academic Affairs Section of Science, Administrative and Student Affairs Division of Sciences **before transferring the fee.**

https://www.tmu.ac.jp/news/entrance/38406.html?d=assets/files/download/entrance/graduate/2026/2027_entrance_examination_fee_refund.pdf (Japanese site only)

◆ **Refund of the Entrance Examination Fee** ◆

A refund can be requested only when an applicant paid the entrance examination fee but didn't send the application documents or paid the fee twice by mistake. For details, please see the following University's website. http://www.tmu.ac.jp/campus_life/tuition/expenses.html (Japanese site)

15. Handling of Personal Information

Please note that Tokyo Metropolitan University handles personal information in accordance with applicable laws and regulations as described below.

- (1) Personal information obtained through the admissions process, such as applicants' names and addresses, shall be used for admissions-related purposes, including application processing, applicant selection, notification of results, and enrollment procedures. Additionally, personal information of enrolled students will be used for i) academic affairs (student records, academic advising, etc.), ii) student support service (healthcare, employment support, tuition fee exemption /reduction, scholarship applications, etc.), and iii) tuition collection and related administrative procedures.
- (2) Examination results may be used to prepare materials for considering future entrance examination methods.

For any inquiries, please contact the Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University.

Tel: 042-677-1111 ext. 3022

E-mail: rikou.r@jmj.tmu.ac.jp

16. Timetable for 2027 Entrance Examination to the Graduate School Doctoral Program

Department	February 12 (Fri), 2027		Remarks
Mathematical Sciences	10:00 am – 12:00 pm Math (Oral examination)	1:00 pm – 5:00 pm Math (Oral examination)	The oral examination consists of a presentation of the master's thesis (approximately 15-minute long). Own laptop PC can be used for the presentation.
Physics	9:00 am – 12:00 pm Physics (Oral examination)	1:00 pm – 5:00 pm Physics (Oral examination)	The oral examination consists of a presentation of the master's thesis.
Chemistry	10:00 am – 12:00 pm Chemistry (Oral examination)	1:00 pm – 5:00 pm Chemistry (Oral examination)	The oral examination consists of a presentation of the master's thesis.
Biological Sciences	9:00 am – 12:00 pm Biology (Oral examination)	1:00 pm – 5:00 pm Biology (Oral examination)	The oral examination consists of a presentation of the master's thesis.

Precautions for taking the entrance examination:

1. Please make sure to arrive at the waiting room 10 minutes before the specified examination time. Follow the instructions of the examiners.
2. The waiting and examination rooms will be indicated on the bulletin board, etc., on the examination day.

17. Introduction of Thesis Advisors, Visiting Professors from Partner Institutions, and Study Fields of the Graduate School of Science

- (1) Professors whose names are marked with “*” are scheduled to retire in March 2028 and those marked with “**”, in March 2029.
- (2) Numbers 1, 2, ... on the rightmost column should correspond to the field number written down in the “application field” of the Application Form.
- (3) The Graduate School of Science has concluded an agreement on a joint graduate school program with research institutes based on which students can receive research guidance from visiting professors from the partner institutes. The names, study fields, and study descriptions of visiting professors are mentioned separately after the list of this University’s faculty members in each Department. For details, please contact a university faculty member who has the same field number as the visiting professor from a partner institute.

As of April 2027 (Scheduled)

◆Mathematical Sciences

Research Field	Thesis Advisor		Research Subject	Field Number
Algebra	Professor	KURODA, Shigeru	Affine Algebraic Geometry, Polynomial Ring Theory	1
Analysis	Professor	SHIMOJO, Masahiko	Reaction Diffusion Equations, Dynamical Systems	2
Analysis	Professor	YOSHITOMI, Kazushi	Partial Differential Equations, Pseudo-Differential operators	3
Geometry	Professor	FUKAYA, Tomohiro	Geometric Group Theory, Coarse Geometry	4
Geometry	Professor	YOKOTA, Yoshiyuki	Knot, 3-Manifold, Quantum Invariant	5
Geometry	Associate Professor	AKAHO, Manabu	Symplectic Geometry, Floer Theory, Morse Theory	6
Algebra, Geometry	Professor	UEHARA, Hokuto	Algebraic Geometry, Derived Categories of Coherent Sheaves, Triangulated category of singularity	7
Algebra, Geometry, Applied Mathematics	Associate Professor	KOBAYASHI, Masanori	Algebraic Geometry, Mirror Symmetry, Related Mathematical Sciences	8
Geometry	Professor	SAKAI, Takashi	Differential Geometry, Submanifold Theory	9
Applied Mathematics, Algebra	Professor	UCHIYAMA, Shigenori	Cryptography, Algorithmic Number Theory	10
Applied Mathematics, Algebra	Associate Professor	YOKOYAMA, Shun-ichi	Computational Number Theory, Computer Algebra, Symbolic Computation	11
Applied Mathematics, Analysis	Associate Professor	ISHITANI, Kensuke	Probability Theory, Mathematical Finance	12
Applied Mathematics, Algebra	Associate Professor	UCHIDA, Yukihiro	Algorithmic Number Theory, Arithmetic Geometry, Cryptography	13
Applied Mathematics	Associate Professor	SUZUKI, Toshio	Theory of Computing, Mathematical Logic	14
Analysis	Associate Professor	SEKI, Yukihiro	Nonlinear Partial Differential Equations, Reaction-Diffusion Systems, Asymptotic Analysis	15
Applied Mathematics, Analysis	Professor	SVADLENKA, Karel	Calculus of Variations, Partial Differential Equations, Mathematical Modeling, Numerical Analysis	16
Algebra, Geometry	Associate Professor	KANEMITSU, Akihiro	Algebraic Geometry, Vector bundles on algebraic varieties	17
Analysis	Associate Professor	MIURA, Tatsu-Hiko	Partial Differential Equations, Mathematical Fluid Mechanics, Diffusion Equations	18
Geometry	Associate Professor	TANAKA, Hiro Lee	Symplectic Geometry, differential topology, homotopy theory, higher category theory	21

As of April 2027 (Scheduled)

◆Physics

Research Field	Thesis Adviser		Research Subject	Field Number	Group
Particle Physics	Associate Professor	YIN Wen	Particle Physics, Particle Cosmology	1	A
Cosmology and Gravitation	Associate Professor	MOTOHASHI Hayato	Cosmology, Gravitational Physics	2	
Hadron Physics	Associate Professor	YAMAGUCHI Yasuhiro	Hadron Physics, Nuclear Physics, Exotic Hadrons	3	
Theoretical Astrophysics	Professor	FUJITA Yutaka	High-Energy Astrophysics, Cosmology	4	
Complex Systems Physics	Associate Professor	UEDA Masahiko	Complex Systems Science, Dynamics of Multi-agent Systems	5	B
Quantum Condensed Matter Theory	Associate Professor	ARAHATA Emiko	Quantum Gases, Superconductivity, Superfluidity	6	
Strongly Correlated Electron Theory	Professor	HOTTA Takashi	Theory of Magnetism and Superconductivity in Strongly Correlated Electron Systems	7	
Computational Materials Science	Associate Professor	NOMOTO Takuya	Theoretical research on magnetism, superconductivity, and other quantum phenomena and the search for new materials	8	
Statistical Physics of Solids	Professor	HATTORI Kazumasa	Theoretical and numerical studies of novel properties, superconductivity, and spontaneous symmetry breaking in crystalline solids	9	
Experimental High Energy Physics	Professor	KAKUNO Hidekazu	Experimental High Energy Physics, Experimental Neutrino Physics	10	C
Experimental Astrophysics	Professor Associate Professor	EZOE Yuichiro ISHISAKI Yoshitaka	X-ray Astronomy, Observations and Instrumentation	11	
Soft Matter Physics	Professor Associate Professor	KURITA Rei YANAGISHIMA Taiki	Soft Matter, Phase Transition, Non Equilibrium	12	D
Correlated Electron Physics	Professor Professor	AOKI Yuji ** MATSUDA Tatsuma	Condensed Matter Physics, Spintronics, Topological, Strongly-Correlated Electron Systems, Superconductivity and Magnetism	13	
Superconducting Material	Professor	MIZUGUCHI Yoshikazu	Condensed Matter Physics, Superconductivity, Functional Materials	14	
Nanostructure Physics	Professor	YANAGI Kazuhiro	Condensed Matter Physics in Nano Materials and Integrated Nanostructures, Material Science	15	

Affiliated graduate school

Research Field	Guest teacher	Affiliation	Research Subject
Strongly Correlated Electron Theory (Field 7)	KUBO Katsunori	JAEA	Theory of Superconductivity and Multipole Ordering Emerging from Multiple Degrees of Freedom
Experimental High Energy Physics (Field 10)	ADACHI Ichiro NISHIDA Shohei	KEK	High Energy Physics using SuperKEKB collider and Belle II detector, Search for New Physics beyond the Standard Model
Astrophysics (Field 11)	ISHIDA Manabu	JAXA	X-ray Astronomy, Observations and Instrumentation

◆Chemistry

Research Field	Thesis Adviser		Research Subject	Field Number
Coordination Chemistry	Professor	SUGIURA, Ken-ichi *	Synthetic Chemistry	1
	Associate Professor	ISHIDA, Masatoshi	Coordination Chemistry, Dye Chemistry	
Environmental Geochemistry	Professor	TAKEGAWA, Nobuyuki	Atmospheric Chemistry, Aerosol, Online Particle Analysis, Optical Particle Characterization, Microparticles in Ocean and Cryosphere	2
	Associate Professor	MOTEKI, Nobuhiro		
Inorganic Chemistry	Professor	YAMAZOE, Seiji	Functional Materials Chemistry, Catalytic Chemistry, X-ray Spectroscopy	3
	Professor	REDSHAW, Carl	Coordination Chemistry, Synthetic Chemistry, Catalysis, Macrocycles	
	Associate Professor	OURA, Yasuji	Radiochemistry, Cosmochemistry, Cosmogenic Nuclides	
	Associate Professor	KAWASOKO, Hideyuki	Solid state chemistry, Solid state physics, Electrochemistry	
Organic and Structural Biochemistry	Professor	ITO, Yutaka	Solution-State NMR, In-cell NMR, Structural Biology Biophysical Chemistry, NMR-based Structural Biology, Computational Biology	4
Organic Chemistry	Professor	NOMURA, Kotohiro**	Organometallics, Molecular Catalysis, Organic Synthesis	5
Biochemistry	Professor	HIROTA, Kouji	DNA Repair, Chromatin, Replication	6
	Associate Professor	TAOKA, Masato	Proteomics, RNA, Biochemistry	
Solid State Physical Chemistry	Professor	HIROSE, Yasushi	Solid State Chemistry, Thin Film Synthesis, Oxide Electronics	7
	Associate Professor	OKA, Daichi		
Physical Chemistry of Molecular Structure and Reaction	Professor	KANYA, Reika	Physical Chemistry, Atomic Molecular Optical Physics	9
	Associate Professor	OKUMURA, Takuma		
Synthetic Organic Chemistry	Professor	KUSUMOTO, Shuhei	Organo main group chemistry, Organometallic chemistry	10
	Associate Professor	DOI, Ryohei		
Theoretical and Computational Chemistry	Professor	NAKATANI, Naoki	Quantum Chemistry, Electronic Structure Theory, Transition Metal Complexes	11
Isotope Chemistry	Associate Professor	KUBUKI, Shiro	Chemistry of Glass and Ceramics, Radiochemistry of fullerenes	12

※There is no Field Number 8 in Chemistry group.

Affiliated graduate school

Research Field	Guest teacher	Affiliation	Research Subject
Organic and Structural Biochemistry (Field 4)	MIKAWA, Tsutomu	RIKEN	Biofuel cell which mimics metabolic pathways, Functional analysis of proteins which are important for homologous recombination

◆Biological Sciences

Section	Research Field	Thesis Adviser		Research Subjects	Field Number
Biology	Molecular Neuroscience	Prof.	ANDO, Kanae	Neuroscience, Cell Biology, Molecular Biology, Neurological Diseases and Aging	1
	Developmental Biology	Assoc. Prof.	FUKUDA, Kimiko	Morphogenesis, Digestive Tract, Extra-embryonic Tissue	2
		Assoc. Prof.	TAKATORI, Naohito	Germ Layer Fates, mRNA Localization, Cell Polarity, Nuclear Migration	3
	Cellular Biochemistry	Prof.	KAWAHARA, Hiroyuki	Protein Quality Control, Cell Cycle Control, Ubiquitin System	4
		Assoc. Prof.	OTANI, Tetsuhisa	Cell-cell Adhesion and Regulation of Homeostasis	5
	Cellular Genetics	Prof.	SAKAI, Takaomi	Molecular and Cellular Mechanisms of Learning and Memory	6
	Molecular Genetics	Prof.	EHIRA, Shigeki	Molecular Biology & Molecular Physiology of Microorganisms	7
		Assoc. Prof.	OHBAYASHI, Ryudo	Molecular Biology & Evolution of Polyploid Microorganisms	8
	Plant Development and Physiology	Prof.	OKAMOTO, Takashi	Plant Development, Plant Reproduction	9
	Evolutionary Genetics	Prof.	TAKAHASHI, Aya	Evolutionary Genetics, Molecular Basis of Speciation, Population Genomics	10
		Assoc. Prof.	NOZAWA, Masafumi	Evolutionary Genetics, Evolution of Sex Chromosomes, Evolution of Small RNAs	
	Mathematical and Computational Biology	Assoc. Prof.	TACHIKI, Yuuya	Evolutionary Game Theory, Life-History Strategy, Decision Making, Mathematical Modeling	11
	Plant Environmental Responses	Assoc. Prof.	NARIKAWA, Rei	Photobiology, Photosynthesis, Optogenetics	12
	Environmental Microbiology	Prof.	HARUTA, Shin	Microbial Ecosystems, Interspecies Interaction, Ecophysiology	13
	Animal Ecology	Assoc. Prof.	CRONIN, Adam L.	Behavioural Ecology, Evolutionary Ecology, Collective Behavior, Systems Biology	14
		Assoc. Prof.	OKAMURA, Yu	Evolutionary Ecology, Chemical Ecology, Plant-Animal interaction	15
Biomedicine and Biotechnology	Systematic Zoology	Assoc. Prof.	EGUCHI, Katsuyuki	Systematics and Biogeography of Terrestrial Invertebrates (mainly Terrestrial Arthropods)	17
	Systematic Botany	Prof.	TAKAYAMA, Koji	Systematics, Biogeography, and Conservation Biology of Land plants	18
	Molecular Neuroscience	Prof.	ANDO, Kanae	Neuroscience, Mechanisms underlying Alzheimer's disease and other tauopathies, <i>Drosophila</i> models of neurodegenerative disease	1
	Developmental Biology	Assoc. Prof.	TAKATORI, Naohito	Asymmetric Cell Division, Cell Morphology, Cell Cycle	3
	Cellular Biochemistry	Prof.	KAWAHARA, Hiroyuki	Protein Quality Control Mechanisms Related to Immunology, Oncology, Diabetes and Neurodegenerations	4
	Cellular Genetics	Prof.	SAKAI, Takaomi	Stress-induced Brain Plasticity in <i>Drosophila</i>	6
	Plant Development and Physiology	Prof.	OKAMOTO, Takashi	Production of New Crops by in Vitro Fertilization System	8

※ There is no Field Number 16 in the Biological Sciences group.

Affiliated graduate school

Field Number	Guest Professor	Affiliation	Research Subjects
1	NONAKA, Takashi	Tokyo Metropolitan Institute of Medical Science	Molecular Mechanisms of Neurodegenerative Diseases
1	KONDO, Yoshitaka	Tokyo Metropolitan Institute for Geriatrics and Gerontology	Dietary Macronutrient Balance for Healthy Longevity
4	INOUE, Azusa	RIKEN Integrative Medical Sciences	Intergenerational Epigenetic Inheritance in Mammals
6	UENO, Kohei	Tokyo Metropolitan Institute of Medical Science	Neural Plasticity in the <i>Drosophila</i> Brain
7	TSUKATANI, Yusuke	Japan Agency for Marine-Earth Science and Technology	Evolution of Photosynthesis and Pigment Biosynthesis Machinery, and Physiology and Biochemistry of Microbial Metabolisms
13	IINO, Takao	RIKEN, BioResource Research Center	Isolation and Polyphasic Taxonomy of Yet-to Be Cultured Archaea and Bacteria.
13	SOMEYA, Yuichi	National Institute of Infectious Diseases	Cell Biology, Biochemistry and Structural Biology of Diarrheal Viruses