

**Tokyo Metropolitan University**  
**Graduate School of Science**  
**Application Guidelines for 2020 Doctoral Program**  
**<October Enrollment>**

Examination: **August 24 (Mon), 2020**

The Japanese name of Tokyo Metropolitan University has been changed from “首都大学東京 (Shuto-Daigaku-Tokyo)” to “東京都立大学 (Tokyo-Toritsu-Daigaku)” effective April 1, 2020. The English name “Tokyo Metropolitan University” remains unchanged.

Administrative affairs concerning entrance examinations of 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 (representative) ext. 3021

<http://www.se.tmu.ac.jp/>

**Information in these Guidelines is subject to change due to the spread of the Novel  
Coronavirus (COVID-19). Please confirm the latest information on the website of the Graduate  
School of Science regularly. (<http://www.se.tmu.ac.jp/en/index.html>)**

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### Accompanying Documents

Entrance Examination Fee Transfer Request Form  
Application Form/ Exam Admission Card/ Photo Card  
Certificate for Fee Payment by Using Payment Slip  
Certificate for Fee Payment by Using Website  
Student Visa Support Request Form  
Questionnaire Sheet for the Scholarship by the Japan Student Services Organization

## **Admissions Policy of the Graduate School of Science, Tokyo Metropolitan University**

The Graduate School of Science seeks individuals who have basic knowledge in natural science, a scientific attitude, and the enthusiasm to become researchers/educators/engineers with creativity and a broadly applicable skillset. Individuals such as these, who also have the ability and motivation to deliver research outcomes to the world are encouraged to explore our Doctoral program.

### **Department of Mathematical Sciences**

#### **[Master's program]**

1. Policy

Mathematics have 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 a comprehensive position not bound by the field framework.

2. Our 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. Abilities required in candidates

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

#### **[Doctoral program]**

1. Policy

Mathematics have 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 a comprehensive position not bound by the field framework.

2. Our 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 ability to evaluate objectively the significance of their own research and their positioning in society
3. Abilities required in candidates
    - (1) Specialized knowledge in the field of their choice and academic ability to carry out their research
    - (2) Ability of discovering and solving problems on their own initiative in the field of their choice

## **Department of Physics**

### **[Master's program]**

1. Policy

The Department aims to develop persons who have 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, materials with diverse structures, and to the universe itself. 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 on the basis of the fundamentals of science.

2. Our ideal students

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

3. Abilities required in candidates

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

### **[Doctoral program]**

1. Policy

The Department aims to develop persons who have 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, materials with diverse structures, and to the universe itself. 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 on the basis of the fundamentals of science.

2. Our ideal students

- (1) Individuals who are inquisitive about acquiring deep and extensive knowledge of basic and advanced physics
  - (2) Individuals who are eager to attain the ability to conduct research by formulating ingenious research plans, presenting original treatises in international academic journals, participating in international research discussions, and reporting research results and their significance
  - (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
3. Abilities required in candidates
- (1) Deep specialized knowledge in the field of their choice
  - (2) Ability to contribute to academic development through the study of physics
  - (3) Excellent research skills with the capability to set pioneering research tasks on their own and the ability to complete these tasks 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 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 the fundamentals of science.

2. Our ideal students

- (1) Individuals who are keen to work on research towards elucidation of the structures, reactions, functions, and circulations of atom/molecule and its compound/assembly as well as synthesis of a new substance
- (2) Individuals who wish to deepen 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 to work as a chemistry expert in the future

3. Abilities required in candidates

- (1) Broad range of knowledge of chemistry
- (2) Motivation for research towards elucidation of the structures, reactions, functions, and circulations of atom/molecule and its compound/assembly as well as synthesis of a new substance, and the ability to

pursue it

- (3) Ability of discovering and solving problems on their own 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 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 the fundamentals of science.

#### 2. Our ideal students

- (1) Individuals who show enthusiasm in contributing to deepen the human knowledge of chemistry
- (2) Individuals who are inquisitive 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 of conducting research by formulating ingenious research plans, presenting the original treatises in international academic journals, participating 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 to work as an expert of chemistry with a high degree of specialization in the future

#### 3. Abilities required in candidates

- (1) Deep specialized knowledge in the field of their choice
- (2) Motivation for research towards elucidation of the structures, reactions, functions, and circulations of atom/molecule and its compound/assembly as well as 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

The department aims to help students obtain the skills to independently identify, investigate and solve

major questions in biological sciences at molecular, cellular and ecological levels. It further aims to host an environment which fosters the development of an international perspective and excellent communication skills. These scientific and communication skills will enable students to play an active leading role in both the domestic and international arena as researchers, educators, and developers.

2. Our ideal students

- (1) Show a keen interest in biology and the life sciences and are eager to take the initiative in research and the acquisition of specialized knowledge
- (2) Have a desire to attain research skills, planning ability, and performance capability through the study of biological science
- (3) Are passionate about making a contribution to society as researchers, educators, and developers possessing an international perspective and excellent communication abilities

3. Abilities required in applicants

- (1) A broad range of interests in biology and the life sciences, regardless of the university, faculty, or department they are from
- (2) The potential to use initiative in discovering and solving problems in biology, the life sciences, or related fields

**[Doctoral program]**

1. Policy

The department aims to help students obtain the high level skills to independently identify, investigate and solve major questions in biological sciences at molecular, cellular and ecological levels.. It further aims to host an environment which fosters the development of an international perspective and excellent communication skills. These scientific and communication skills will enable students to play an active leading role in both the domestic and international arena as researchers, educators, and developers.

2. Our ideal students

- (1) Pursue innovative, cutting-edge research in a field of the biological sciences
- (2) Exhibit a genuine desire to acquire specialized knowledge in the biological sciences, and develop the skills to plan and undertake research on the front lines
- (3) Are passionate about making a contribution to society as researchers, educators, and developers who are capable of playing an active leading role on the international stage

3. Abilities required in candidates

- (1) Specialized knowledge in the field of their choice and a broad range of interests in biology and the life sciences, regardless of the university, faculty, or department they are from
- (2) The ability to use initiative in identifying and solving problems in biology and the life sciences

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## 1. Number of Students to be Accepted

Name of department	Number of students to be accepted
Mathematical Sciences	A few
Physics	A few
Chemistry	A few
Biological Sciences	A few

## 2. Qualification\*

- (1) Individuals who possess a master's degree or are expected to receive one by September 30, 2020
- (2) Individuals who possess a Professional degree (professional degree as defined in Article 5-2 of the Degree Regulations (1953 Ministry of Education Decree No. 9) under Article 104 Paragraph 1 of the School Education Act of Japan. The same applies to the following) or who are expected to receive one by September 30, 2020
- (3) Individuals who have been conferred a master's degree or any other degree equivalent to a Professional degree or are expected to receive one by September 30, 2020, in a foreign country
- (4) Individuals who have been conferred a master's degree or any other degree equivalent to a Professional degree by completing a prescribed course of a foreign school via distant learning in Japan
- (5) Individuals who have been conferred a master's degree or any other degree equivalent to a Professional degree by completing a prescribed course of a study at an educational institution located in Japan that is positioned as the one offering foreign graduate courses under the educational system of the said country and separately designated by the Japanese Minister of Education, Culture, Sports, Science, and Technology
- (6) Individuals who are appointed by the Minister of Education, Culture, Sports, Science, and Technology (1989 Ministry of Education Notification No. 118) (Note)
- (7) Individuals who do not fall under any of (1) to (6) above, but are recognized based on the individual qualification screening as having an academic ability equal to or superior to those with a master's degree or a Professional degree,

\* Those who are applying under above (7) should undergo the application qualification screening. Please send the application following the rules stated on page 7 of these Guidelines.

(Note) Those who apply under Application Qualification (6) must satisfy the following requirements.

- (1) Individuals 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 the research outcomes, etc., as



having an academic ability equal to or superior to those with a master's degree

- (2) Individuals 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 distant learning in Japan, and are recognized by the Graduate School, based on the research outcomes, etc., as having an academic ability equal to or superior to those with a master's degree

### 3. Application Qualification Screening

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

- Those who apply under Qualification (7) above

#### <Application period>

**June 25 (Thurs) to July 2 (Thurs), 2020**

The reception of the Academic Affairs Section of Science is available to receive the application documents on weekdays from 10:00 am - 12:00 pm and 2:00 pm - 4:00 pm only (excluding national holidays). If you send the documents by post, they must arrive no later than the last date of the application period mentioned above.

#### <Documents to be submitted>

- Confirmation of qualification (\*Designated form by the Graduate School)
- Certificate of (expected) completion of the last educational program
- Academic transcript of the last educational institution
- Curriculum vitae (\*Designated form by the Graduate School)
- Statement of purpose (A4, 1 page)
- Confirmation of educational background

Please write down career and research experiences (if any) after the last educational institution attended. If there are any documents certifying engagement in research activities, etc. (for example, a 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.), attach them as well.

- A self-addressed stamped envelope (standard-size, with 374-yen postage stamps affixed <express delivery fee included>) (For notification of application approval/rejection purpose)

\*Resubmission of both “certificate of (expected) graduation” and “academic transcript” from the last educational institution will not be required at the time of application.

#### <Designated form>

Designated forms can be downloaded from the website of the Graduate School of Science ([http://www.se.tmu.ac.jp/en/entrance\\_exam.html](http://www.se.tmu.ac.jp/en/entrance_exam.html)). Alternatively, send a letter of request with a self-addressed return envelope (standard-size, with an 84-yen postage stamp affixed) to the Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University. Please write down **in red “Request for application forms for qualification screening to the Doctoral program (October enrollment)”** on the front left side of the envelope.

**<Place for submission>**

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

\*Please send by **registered express mail** and write down in red **“Qualification screening documents to the Doctoral program (October enrollment) enclosed”** on the front left side of the envelope.

**<Notice of results>**

Notification will be sent out on **July 17 (Fri), 2020**.

**<Application procedure>**

Individuals who are admitted to undergoing application may proceed with the application procedures following these Guidelines.

#### **4. Request for Special Consideration or Arrangement Related to Physical Disability**

If you would like to request for special consideration or arrangement related to physical disability at the time of examination or during school attendance, please notify in advance. To obtain the designated request form, download from the website of the Graduate School of Science ([http://www.se.tmu.ac.jp/en/entrance\\_exam.html](http://www.se.tmu.ac.jp/en/entrance_exam.html)), or send a letter of request with a self-addressed return envelope (standard-size envelope with an 84-yen postage stamp affixed) to the Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University.

**<Request acceptance period>**

**June 25 (Thurs) to July 2 (Thurs), 2020**

The reception of the Academic Affairs Section of Science is available to receive the form on weekdays from 10:00 am - 12:00 pm and 2:00 pm - 4:00 pm only (excluding national holidays). If you send the form by post, it must arrive no later than the last date of the request acceptance period mentioned above.

**<Documents to be submitted>**

Request for consultation regarding entrance examination to the Doctoral program (October enrollment) at the Graduate School of Science (\*Designated form by the Graduate School)

**<Place for submission>**

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

\*Please send by **registered express mail** and write down in red **“Request for consultation regarding entrance examination to the Doctoral program (October enrollment) enclosed”** on the front left side of the envelope.

#### **5. Request for Adult Working Student Enrollment**

Programs suitable for adult working students are available to individuals who fall under any of the items in “2 Qualification” on page 6 of these Guidelines, and at the same time who have ever worked at the same company or research/ educational institution, etc. for more than one year by the time of enrollment and will be able to continue working for the current employer after enrollment with approval from the supervisor. If you wish to enroll as an adult working student, notify us in advance in the way explained below. It is still possible to apply for the Doctoral program as a general student without using this system.

**<Request acceptance period>**

**June 25 (Thurs) to July 2 (Thurs), 2020**

The reception of the Science Office is available to receive the request on weekdays from 10:00 am - 12:00 pm and 2:00 pm - 4:00 pm only (excluding national holidays). If you send the documents by post, they must arrive no later than the last date of request acceptance period mentioned above.

**<Documents to be submitted>**

- Curriculum vitae (\*Designated form by the Graduate School)
- Certificate of approval for application (signed by the applicant’s supervisor) (\*Designated form by the Graduate School)
- Research interest information sheet (\*Designated form by the Graduate School or a form created following the designated form of this Graduate School)
- Certificate of completion of the last educational institution or certificate of (expected) completion of the Master’s program
- A self-addressed return envelope (standard-size, with 374-yen postage stamps affixed <express delivery fee included>) (For notification of application approval/rejection purpose)

\*Resubmission of “certificate of (expected) completion from the last educational institution” will not be required at the time of application.

**<Designated form>**

To obtain the designated forms by the Graduate School, download from the website of the Graduate School of Science ([http://www.se.tmu.ac.jp/en/entrance\\_exam.html](http://www.se.tmu.ac.jp/en/entrance_exam.html)), or send a letter of request with a self-addressed return envelope (12 cm x 23.5 cm size, with an 84-yen postage stamp affixed) to the Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University. Please write down **in red “Request for forms for consultation regarding adult working student to the Doctoral program (October Enrollment)”** on the front left side of the envelope.

**<Place for submission>**

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

**<Notice of results>**

Notification will be sent out on **July 17 (Fri), 2020.**

\* Applicants who are deemed to require an interview etc. will be notified separately after receipt of the consultation request.

#### <Application procedure>

Individuals who are admitted to undergoing application may proceed with the application procedures following these Guidelines.

\* In this regard, this Graduate School will adopt the Special Provision on Educational Method stipulated in Article 14 of the Standards for Establishment of Graduate Schools.

## 6. Long-term Study System

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 number of years of study (3 years for Doctoral Program) under such circumstances of occupation, childbirth, childcare, nursing needs, etc. The students should pay the same amount of tuition fees as other students in installments over the period permitted for their long-term study.

#### <Qualification criteria>

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

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

#### <Application procedure>

Application Information and forms are available to download from the website of the Graduate School of Science ([http://www.se.tmu.ac.jp/en/entrance\\_exam.html](http://www.se.tmu.ac.jp/en/entrance_exam.html)). Send the application forms together with other required application documents. Be sure to confirm the detail in the Application information. Notification of approval/rejection for the Long-term study system is scheduled to be sent out on **September 4 (Fri), 2020.**

## 7. Application Procedure

Before application, make sure to obtain approval from your prospective thesis advisor.

#### (1) Application period

Sending by post: **July 30 (Thurs) to August 6 (Thurs), 2020** (Documents must arrive by.)

Place for submission: Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University

- \* Write down **in red** “**Application form to the Doctoral program (October enrollment) enclosed**” on the front side of the envelope and send it **by registered express mail.**
- \* Send the application well in advance, considering the days to be delivered.

\* Be sure to contact the Office if you do not receive the exam admission card by **August 13 (Thurs), 2020**.

**(2) Documents to be submitted**

Application documentation	Remarks
(1) Application form Exam admission card Photo card	Use the designated form by the Graduate School. (Reverse side must also be filled in.)  · Affix your photo (4 cm in height x 3 cm in width, upper-body, frontal and bare head, taken within the last three months of application) in the specified space.
(2) Academic transcript of the Master's program	Issued by the president/dean of the university, etc. ( <b>*Note</b> )
(3) Certificate of (expected) completion of the Master's program	Issued by the president/dean of the university, etc. ( <b>*Note</b> )
(4) Master's thesis or an equivalent work	Submit a thesis abstract alternatively if the master's thesis cannot be submitted by the application due date.
(5) Payment receipt (A part), <u>Payment certificate</u> ※, or <u>Printout of the Results page</u> ※  ※ Submit both the original and a photocopy of the payment certificate.	* 30,000 Japanese yen (Entrance examination fee) * <b><u>The entrance examination fee will not be refunded for any reason once the application is processed.</u></b> * Applicants who completed the Master's program at the Graduate School of Tokyo Metropolitan University in March 2020 or who are expected to complete in September 2020 are exempted from paying the entrance examination fee. <b>【Payment using Transfer request form (payment slip)】</b> After paying the entrance examination fee, confirm the bank receipt seal on the "payment receipt (A part)" and paste it on the " <u>Certificate for fee payment by using payment slip</u> ". <b>【Online payment (e-payment site)】</b> Those who made the payment on the Japanese website must paste the " <u>payment certificate</u> " portion of the "handling statement of entrance exam/screening fee" on the " <u>Certificate for fee payment by using website</u> ", and those who made on the English website must submit a <u>printout of the</u>

	“Results page”. In both cases, please also submit one photocopy of the original payment certificate.
(6) Return-mail envelope	On a return-mail envelope (12cm x 23.5 cm size), write down your address, name, and postal code, and affix postage stamps worth 374 Japanese yen (express delivery fee included). (For sending the exam admission card purpose)
(7) Student visa support request form	When any support is necessary regarding acquisition/renewal of visa, fill out the “Request for support regarding acquisition/renewal of student visa” and submit it together with the application documents.  *Please note that support will be provided only for visa acquisition/renewal at the time of enrollment, not at the time of entrance examination.
(8) Certificate of receipt of the government-financed scholarship	Government-financed international students (through Embassy recommendation or Domestic selection) who are currently enrolled at another university but are wishing to enter this University must submit the certificate of receipt of the government-financed scholarship.  *For details about an application for extension of the scholarship period, which will be necessary to go on to a high-ranking academic program including the Doctoral program at this Graduate School, please confirm with the university currently attending.
(9) Questionnaire sheet for the scholarship by the Japan Student Services Organization (October enrollment)	Submission is required if you wish to apply for the scholarship.  *Some restrictions apply to those who have a nationality other than Japanese. (Applicants whose residence status in Japan is “study” are not qualified for this application.)
(10) Application form for the long-term study system	For those wishing to have the long-term study system available upon enrollment, download the Application Information and forms from the website of the Graduate School of Science ( <a href="http://www.se.tmu.ac.jp/en/entrance_exam.html">http://www.se.tmu.ac.jp/en/entrance_exam.html</a> ). Submit the completed forms together with other required application documents.

**[\*Note]**

Applicants who completed the Master’s program of the Graduate School of Science, Tokyo Metropolitan University in March 2020, or are expected to complete in September 2020 are exempted from submitting documents (2) and (3).

## 8. Screening Method for Applicants

Successful applicants will be selected 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 at the

university attended.

- (1) Examination date: **August 24 (Mon), 2020**
- (2) Examination venue: Building No. 8, Minami-Osawa Campus, Tokyo Metropolitan University  
\* Details will be posted in front of the Science Office (2nd floor in Building No.8).
- (3) Examination subjects (oral examination): Specialized subjects mostly in the form of oral examination

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

\* See page 18 for the examination timetable.

## 9. Announcement of Results

Date & Time: **September 4 (Fri), 2020 at 2:00 pm**

Place: In front of the **Science Office, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University**

Additionally, the exam admission card numbers of the successful applicants will be posted on the website of the Graduate School of Science (<http://www.se.tmu.ac.jp/index.html>). However, as the website announcement is for reference purpose only, make sure to confirm the results by checking the announcement posted in front of the Science Office. Please note that telephone inquiries are not accepted.

- (1) A Letter of acceptance and other documents will be provided to the successful applicants in exchange for the 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.

**September 4 (Fri), 2020 from 2:00 pm - 5:00 pm**

**September 7 (Mon), 2020 from 10:00 am -12:00 pm and 2:00 pm -5:00 pm**

- (2) To request the final results by post, submit the Exam admission card and an A4 size self-addressed return envelope (24 cm x 33.2 cm, with exam admission card number written and 750 yen postage stamp affixed) to the Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, **after the oral examination.**

## 10. Admission Procedure

Successful applicants are requested to complete admission procedures by **September 11 (Fri), 2020**. Detail will be notified after the announcement of results.

## 11. Admission Fees, Tuition Fees, and Scholarships

### (1) Admission fee

- Residents of Tokyo: 141,000 Japanese yen (tentative amount)
- Others: 282,000 Japanese yen (tentative amount)
- \* If the admission fee is revised, the new fee shall apply.
- \* **Successful applicants who completed the Master's program at the Graduate School of Tokyo Metropolitan University in March 2020 or are expected to complete in September 2020 will be exempted from paying the admission fee.**
- \* **A "resident of Tokyo" refers to the one whom he/she, or his/her spouse or a first-degree relative has lived in Tokyo continuously for one year or longer (from October 1, 2019) before the day of enrollment (October 1, 2020). The decision for granting certification of "resident of Tokyo" will be made based on the applicant's "Certificate of Items Stated in Resident Register" if the applicant him/herself lives in Tokyo, or in other cases "Certificate of Items Stated in Resident Register" and "Extract of Family Register" of his/her relative living in Tokyo.**

### (2) Tuition fee

Annual amount: 520,800 Japanese yen (tentative 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 October and late April.
- \* If the tuition fee is revised during the Academic Year 2020, the new fee shall apply.
- \* The tuition fee waiver is available.

### (3) Scholarships available

- **Scholarship by the Japan Students Services Organization (JASSO)**  
Scholarship loan is available after enrollment to those whose application is successfully accepted by JASSO.
- **Benefit type of scholarships**  
The following scholarship programs are available to those who are enrolled in the Doctoral program of Tokyo Metropolitan University. (Please note that the scholarship will not be provided to all applicants due to budgetary limits.)

#### **[Research Encouragement Scholarship for Doctoral Program Students]**

This is a benefit type of scholarship to be provided to outstanding students enrolled in the Doctoral program, aiming to encourage their research by offering an environment where they can devote themselves to their research activities.



<Amount to be provided> 1,800,000 Yen/year (150,000 Yen /month)  
<Benefit period> Up to 3 years after enrollment in Doctoral program  
<Eligible students> Students who:  
· are accepted to or wish to enter the Doctoral program of the Graduate school, and  
· applied for Research Fellowship for Young Scientists DC1 to JSPS and were not selected.

<How to apply>

Contact the Academic Affairs Section of Science by the end of December 2020. Program details are available on the website of the Student Affairs Division.

### **[Scholarship in Support of Graduate Students]**

This is a benefit type of scholarship to be provided to outstanding students enrolled in the Doctoral program, aiming to give them financial support and, at the same time, to produce highly capable personnel. This scholarship can be received up to three times per student.

<Amount to be provided> 260,000 Yen/year (lump-sum distribution)

<Eligible students>

Students enrolled in the Doctoral program who have achieved outstanding academic and research results

<How to apply>

Application is not required. (Graduate school will select the candidates after examination.) Please contact the Academic Affairs Section of Science for details.

## **12. Opportunities to Participate in Education and Training**

Teaching assistant/ research assistant positions and the financial support system for participation in domestic/international academic conferences are available to the graduate students.

## **13. Important Reminders**

- (1) Incomplete application documents, etc. 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 examination.
- (4) If any fraud or other act of dishonesty is found during the entrance examination or in the application procedure, enrollment will be rescinded even after admission has been granted.
- (5) We do not recommend or introduce accommodations, etc. to examinees.

## **14. Payment of Entrance Examination Fee**

- (1) Payment using Transfer request form (payment slip)

- ① Pay the entrance examination fee (30,000 Japanese yen) by bank transfer (wire), using the Transfer request form provided in these Guidelines.
  - \* The transfer cannot be made through the post office and Japan Post Bank.
  - \* Enclosing the postal money order or cash in the Application Form envelope is not acceptable.
  - \* Entrance examination fee cannot be paid through ATM (automatic teller machine).
- ② Fill in the necessary information on the “Transfer request form for entrance examination fee” and submit it to a financial institution counter together with the entrance examination fee. The service charge should be shouldered by the remitter. In the case of transfer made at the head or a branch office of Mizuho Bank, no service charge is required.
- ③ After the transfer, paste the “payment receipt (A part)” (\*invalid without the bank receipt seal) on the “Certificate for fee payment by using payment slip” and submit it together with application documents.

(2) Online payment (e-shiharai.net)

Make advance registration for “e-shiharai.net” (<https://e-shiharai.net/ecard/>) and pay the fee in one of the following ways: convenience store, Pay-easy ATM, Internet Banking, credit card, Alipay international settlement service, or China UnionPay service. (\*In the case of payment made outside Japan, credit card, Alipay international settlement service, and China UnionPay service are acceptable). For details of the payment method, please refer to “How to pay the entrance examination fee for the Graduate School of Science of Tokyo Metropolitan University (Application from within and outside Japan)”. The service charge should be shouldered by the remitter.

**[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 fee payment by using the website”, and submit it together with the application documents.

**[Payment made on the English website]**

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

**<Payment period>**

**July 9 (Thurs) – August 6 (Thurs), 2020**

**<Note>**

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

- ◆ Applicants affected by any of the following natural disasters will be exempted from the obligation to pay the entrance examination fee. Please consult with the Academic Affairs Section of Science,

Administrative and Student Affairs Division of Sciences, **before making a bank transfer.**

- Great East Japan Earthquake occurred in March 2011,
- A series of earthquakes occurred in Kumamoto region in April 2016
- A series of torrential rains occurred in the northern part of Kyushu in July 2017
- A series of torrential rains occurred in the Western region of Japan after June 2018
- Hokkaido Eastern Iburi earthquake occurred in September 2018
- Heavy rain from the storm front in August 2019
- Typhoon No. 15 in 2019
- The power outage caused by Typhoon No. 15 in 2019
- Typhoon No. 19 in 2019

(Note)

A request for a refund of the entrance examination fee can be made only if the fee was paid, but application documents were not submitted or if it was wire-transferred twice by mistake. For details, please see the following University's website.

[http://www.tmu.ac.jp/campus\\_life/tuition/expenses.html](http://www.tmu.ac.jp/campus_life/tuition/expenses.html) (Japanese site)

Go to Top page -> Admission -> Graduate school admission -> Examination, admission, and tuition fee

## 15. Handling of Personal Information

Please acknowledge beforehand that Tokyo Metropolitan University handles personal information strictly following laws and regulations as follows:

- (1) Personal information obtained through the admission selection including applicants' names and addresses, etc. shall be used for screening (processing applications, conducting selection, and announcing successful applicants) and admission procedures. Additionally, personal information of enrolled students will be used for the procedures concerning 1) academic affairs (school register, educational guidance, etc.), 2) student support service (healthcare, employment support, tuition fee reduction/exemption, scholarship application, etc.), and 3) clerical work for tuition collection.
- (2) Admission evaluation results gained through the admission selection will be used to prepare documents for future admission selection procedures.

## 16. Timetable for the 2020 Entrance Examinations to the Graduate School (Doctoral Program)

Graduate School of Science, Tokyo Metropolitan University

Department	August 24 (Mon), 2020	Remarks
Mathematical Sciences	10:00 am – 3:00 pm Math (Oral examination)	The oral examination consists of presentation on the contents of the master's thesis (approx. 15 minutes). Own laptop PC can be used for the presentation.
Physics	10:00 am – 3:00 pm Physics (Oral examination)	The oral examination consists of presentation on the contents of the master's thesis or an outline of recent research followed by an interview.
Chemistry	10:00 am – 3:00 pm Chemistry (Oral examination)	The oral examination consists of presentation on the contents of the master's thesis or an outline of recent research followed by an interview.
Biological Sciences	10:00 am – 3:00 pm Biology (Oral examination)	The oral examination consists of presentation on the contents of the master's thesis or an outline of recent research followed by an interview.

Precautions for taking the entrance examinations:

1. Please make sure to arrive at the exam anteroom 10 minutes before the specified examination time on the examination day. Follow the instructions of the test proctor.
2. Locations of examination venue will be indicated by displays, etc. on the examination day.

## 16 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 2020 and those marked with “\*\*”, in September 2020 and those marked with “\*\*\*”, in March 2021 and those marked with “\*\*\*\*”, in March 2022.
- (2) Numbers (1), (2), ... on the rightmost column should correspond to the field number written down in the “application field” of the Application Form.  
 In the case of applicants of the Department of Physics, however, enter only the field number in the first choice column under “application field” of the Application Form and enter only group numbers A to D in the second choice column. (For details, refer to “Important Reminders for Applicants of the Department of Physics.”)  
 Further, in the case of applicants of the Department of Chemistry, enter at most 4 field numbers from the second choice to the fifth one in the second choice column under “application field” of the Application Form, from the left in the order of preference. (For details, refer to “Important Reminders for Applicants of the Department of Chemistry.”)
- (3) The Graduate School of Science and engineering has concluded an agreement on a joint graduate school program with research institutes operated by the Tokyo Metropolitan Government, the Institute of Physical and Chemical Research (“RIKEN,” a national research and development agency), the National Institute of Advanced Industrial Science and Technology (“AIST,” a national research and development agency), and Japan Aerospace Exploration Agency (“JAXA,” also a national research and development agency), 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 Oct, 2020 (Scheduled)

◆Mathematical Sciences				
Research Field	Thesis Advisor		Research Subject	Field Number
Analysis	Professor	KURATA Kazuhiro	Partial Differential Equations, Nonlinear Variational Problems	1
Algebra	Professor	KURODA Shigeru	Affine Algebraic Geometry, Polynomial Ring Theory	2
Geometry	Associate Professor	HISAMOTO Tomoyuki	Geometric Complex Analysis	3
Geometry	Professor	SOMA Teruhiko *	Hyperbolic Geometry, 3-Manifolds, Dynamical Systems	4
Analysis	Professor	HATTORI Kumiko *	Stochastic Processes on Fractals	5
Analysis	Professor	YOSHITOMI Kazushi	Partial Differential Equations, Pseudo-Differential operators	6
Geometry	Associate Professor	TAKATSU Asuka	Differential Geometry, Geometric Analysis	7
Geometry	Associate Professor	FUKAYA Tomohiro	Geometric Group Theory, Coarse Geometry	8
Analysis, Applied Mathematics	Professor	TAKAKUWA Shoichiro **	Global Analysis, Partial Differential Equations	9
Algebra	Professor	TSUMURA Hirofumi	Number Theory	10
Algebra, Geometry	Professor	TOKUNAGA Hiro-o	Algebraic geometry, Topology of algebraic curves and surfaces, The Arithmetic of Branched Covers	11
Geometry	Professor	YOKOTA Yoshiyuki	Knot, 3-Manifold, Quantum Invariant	12
Geometry	Associate Professor	AKAHO Manabu	Symplectic Geometry, Floer Theory, Morse Theory	13
Algebra, Geometry	Associate Professor	UEHARA Hokuto	Algebraic Geometry, Classification Theory of Higher Dimensional Varieties, Derived Categories of Coherent Sheaves	14
Algebra, Geometry, Applied Mathematics	Associate Professor	KOBAYASHI Masanori	Algebraic Geometry, Mirror Symmetry, Related Mathematical Sciences	15
Geometry	Professor	SAKAI Takashi	Differential Geometry, Submanifold Theory	16
Applied Mathematics, Algebra	Professor	UCHIYAMA Shigenori	Cryptography, Algorithmic Number Theory	17
Applied Mathematics, Algebra	Associate Professor	YOKOYAMA Shun-ichi	Symbolic Computation, Computational Number Theory, Cryptography	18
Applied Mathematics, Analysis	Associate Professor	ISHITANI Kensuke	Probability Theory, Mathematical Finance	19
Applied Mathematics, Algebra	Associate Professor	UCHIDA Yukihiko	Algorithmic Number Theory, Arithmetic Geometry, Cryptography	20
Applied Mathematics	Associate Professor	SUZUKI Toshio	Theory of Computing, Mathematical Logic	21
Applied Mathematics	Associate Professor	MURAKAMI Hiroshi	Computer Algebra (Algorithm), Numerical Analysis (Algorithm), Parallel Computation (Algorithm)	22

◆Physics					
Research Field	Thesis Adviser		Research Subject	Field Number	Group
Particle Theory	Professor	YASUDA Osamu	Physics beyond the Standard Model, Neutrino Physics	1	A
High-Energy Theoretical Physics	Associate Professor	KETOV Serguei	Quantum Field Theory, Theoretical High Energy Physics, Cosmology	2	
Nuclear Hadron Physics	Associate Professor	HYODO Tetsuo	Hadron Physics, Exotic Hadrons, Theory of Resonances	3	
Theoretical Astrophysics	Professor	FUJITA Yutaka	High-Energy Astrophysics, Cosmology	4	
Nonlinear Physics	Professor	SHUDO Akira	Nonlinear Dynamics, Classical and Quantum Chaos	5	B
Quantum Condensed Matter Theory	Professor	MORI Hiroyuki	Low-Dimensional Systems, Cold Atoms, Quantum Phenomena	6	
	Associate Professor	ARAHATA Emiko	Quantum Gases, Superconductivity, Superfluidity		
Strongly Correlated Electron Theory	Professor	HOTTA Takashi	Theory of Magnetism and Superconductivity in Strongly Correlated Electron Systems	7	
	Associate Professor	HATTORI Kazumasa	Condensed Matter Theory, Strongly Correlated Electron Systems, Quantum Critical Phenomena		
Experimental High Energy Physics	Professor	KAKUNO Hidekazu	Experimental High Energy Physics, Experimental Neutrino Physics	8	C
Atomic Physics	Professor	TANUMA Hajime	Atomic Collisions and Spectroscopy, Electrostatic Ion Storage Ring, Highly Charged Ions, Ion Mobility in Gases, Laboratory Astrophysics	9	
Experimental Astrophysics	Associate Professor	ISHISAKI Yoshitaka	X-ray Astronomy, Observations and Instrumentation	10	
	Associate Professor	EZOE Yuichiro			
Soft Matter Physics	Professor	KURITA Rei	Soft Matter, Phase Transition, Non Equilibrium	11	D
Neutron Scattering and Magnetism	Associate Professor	KADOWAKI Hiroaki	Quantum State of Matter, Neutron Scattering	12	
Correlated Electron Physics	Professor	AOKI Yuji	Topological and Strongly-Correlated Electron Systems, Superconductivity and Magnetism	13	
	Professor	MATSUDA Tatsuma			
Superconducting Material	Associate Professor	MIZUGUCHI Yoshikazu	Condensed Matter Physics, Superconductivity, Functional Materials	14	
Surface and Interface Physics	Professor	YANAGI Kazuhiro	Condensed Matter Physics in Nano Materials, Material Science	15	
Nano-science Research	Associate Professor	MIYATA Yasumitsu	Synthesis of Nanoscale Materials, Electrical and Optical Properties	16	
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 8)	ADACHI Ichiro NISHIDA Shohei	KEK	High Energy Physics using SuperKEKB collider and Belle II detector, Search for New Physics beyond the Standard Model		
Atomic Physics (Field 9)	AZUMA Toshiyuki	RIKEN	Atomic and Molecular Physics using an Electrostatic Ion Storage Ring, Resonance Coherent Excitation of Highly Charged Heavy Ions		
Astrophysics (Field 10)	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	NISHINAGA Tohru	Physical Organic Chemistry, $\pi$ -Conjugated Molecules, Organic Semiconductors	
Environmental and Analytical Chemistry	Professor	TAKEGAWA Nobuyuki	Atmospheric Chemistry, Aerosol, Online Particle Analysis	2
Inorganic Chemistry	Professor	YAMAZOE Seiji	Functional Materials Chemistry, Catalytic Chemistry, X-ray Spectroscopy	3
	Associate Professor	OURA Yasuji	Radiochemistry, Cosmochemistry, Cosmogenic Nuclides	
Organic and Structural Biochemistry	Professor	ITO Yutaka	Solution-State NMR, In-cell NMR, Structural Biology	4
	Associate Professor	MISHIMA Masaki	Biomolecular NMR, Structural Biology, Molecular Biophysics	
Organic Chemistry	Professor	NOMURA Kotohiro	Organometallics, Molecular Catalysis, Organic Synthesis	5
	Associate Professor	INAGAKI Akiko	Organometallics, Molecular Catalyst, Photocatalyst	
Biochemistry	Professor	HIROTA Kouji	DNA Repair, Chromatin, Replication	6
	Associate Professor	TAOKA Masato	Proteomics, RNA, Biochemistry	
Physical Chemistry of Advanced Materials	Professor	KIKUCHI Koichi **	Organic Conductors and Superconductors, Chiral Magnets	7
	Associate Professor	KODAMA Takeshi	Physical Chemistry	
Physical Chemistry of Molecular Assembly	Associate Professor	KOMURA Shigeyuki	Physical Chemistry of Biological and Soft Matter	8
Physical Chemistry of Molecular Structure and Reaction	Professor	KANYA Reika	Physical Chemistry, Atomic Molecular Optical Physics	9
Synthetic Organic Chemistry	Professor	SHIMIZU Toshio	Organic Chemistry, Main Group Element Chemistry, Host-Guest Chemistry	10
Theoretical and Computational Chemistry	Professor	HADA Masahiko	Quantum Chemistry, Electronic Structure Theory, Molecular Magnetic Properties	11
	Associate Professor	NAKATANI Naoki	Quantum Chemistry, Electronic Structure Theory, Transition Metal Complexes	
	Associate Professor	SATO Soichi	Organic Chemistry, Main Group Chemistry, Material Chemistry	
Isotope Chemistry	Associate Professor	KUBUKI Shiro	Chemistry of Glass and Ceramics, Radiochemistry of fullerenes	12
Affiliated graduate school				
Research Field	Guest teacher	Affiliation	Research Subject	
Biochemistry (Field 6)	AIST	FUKUNISHI Yoshihumi	Bioinformatics, Structural biology	
	AIST	NATSUME Tohru	Biomolecular profiling, Drug discovery	

◆ Biological Sciences

Section	Research Field	Thesis Adviser		Research Subjects	Field Number
Biology	Molecular Neuroscience	Assoc. Prof.	ANDO, Kanae	Neuroscience, Cell Biology, Molecular Biology, Neurological Diseases and Aging	1
	Developmental Biology	Assoc. Prof.	FUKUDA, Kimiko	Developmental Biology, Digestive Tract, Molecular Mechanisms	2
		Assoc. Prof.	TAKATORI, Naohito	Germ Layer Fates, Polarity, Nuclear Migration	
	Cellular Biochemistry	Prof.	KAWAHARA, Hiroyuki	Protein Quality Control, Cell Cycle Control, Ubiquitin System	3
	Cellular Genetics	Prof.	AIGAKI, Toshiro*	Molecular mechanisms of lifespan determination	4
		Prof.	SAKAI, Takaomi	Molecular and cellular mechanisms of learning and memory	
	Molecular Genetics	Prof.	KATO, Jun-ichi	Genetics, Molecular Biology, Genome Sciences	5
		Assoc. Prof.	EHIRA, Shigeki	Molecular Biology & Molecular Physiology of Microorganisms	
	Plant Development and Physiology	Prof.	OKAMOTO, Takashi	Plant Development, Plant Reproduction	6
	Neurobiology	Assoc. Prof.	KUROKAWA, Makoto	Neurobiology, Comparative Physiology, Neural Control of Behavior	7
	Evolutionary Genetics	Prof.	TAMURA, Koichiro	Evolutionary Genetics, Evolutionary Genomics, Bioinformatics	8
		Assoc. Prof.	TAKAHASHI, Aya	Evolutionary Genetics, Molecular Basis of Speciation, Population Genomics	
		Assoc. Prof.	NOZAWA, Masafumi	Evolutionary Genetics, Evolution of Sex Chromosomes, Evolution of Small RNAs	
	Plant Environmental Responses	Assoc. Prof.	KANEGAE, Takeshi	Plant Cell & Molecular Biology, Photoreceptor, Fern	9
Environmental Microbiology	Prof.	HARUTA, Shin	Microbial Ecosystems, Interspecies Interaction, Ecophysiology	10	
Animal Ecology	Prof.	HAYASHI, Fumio**	Ecology, Behavior, Evolutionary Ecology, and Ecological Developmental Biology of animals	11	
	Assoc. Prof.	OKADA, Yasukazu			
Plant Ecology	Prof.	SUZUKI, Jun-Ichirou	Plant Ecology, Conservation Ecology, Theoretical Ecology	12	
Systematic Zoology	Assoc. Prof.	EGUCHI, Katsuyuki	Systematics and Biogeography of Invertebrates (mainly Terrestrial Arthropods)	13	
	Assoc. Prof.	CRONIN, Adam L.	Behavioral Ecology, Evolutionary Ecology, Collective Behavior of Social Insects and Others		
Systematic Botany	Prof.	MURAKAMI, Noriaki	Molecular Systematics, Evolutionary Biology and Island Biology of Plants and Fungi, Pteridology	14	
	Assoc. Prof.	YATABE-KAKUGAWA, Yoko	Phylogenetic Taxonomy of Plants, Evolutionary Biology		
Biomedicine and Biotechnology	Molecular Neuroscience	Assoc. Prof.	ANDO, Kanae	Neuroscience, Mechanisms underlying Alzheimer's disease and other tauopathies, Drosophila models of neurodegenerative disease	1
	Developmental Biology	Assoc. Prof.	TAKATORI, Naohito	Asymmetric Cell division, Microtubules, mRNA localization	2
	Cellular Biochemistry	Prof.	KAWAHARA, Hiroyuki	Protein quality control mechanisms related to immunology, oncology, diabetes and neurodegenerations	3
	Molecular Genetics	Prof.	KATO, Jun-ichi	Bacterial Synthetic Biology, Genome Sciences	5
	Plant Development and Physiology	Prof.	OKAMOTO, Takashi	Production of hybrid and polyploid plants by gamete breeding	6
	Stem Cell Modulation 1)	Prof.	HARA, Takahiko	Blood regeneration by using ES/iPS cells and development of anti-cancer/leukemia drugs	15
	Protein and organelle degradation 1)	Assoc. Prof.	MATSUDA, Noriyuki	Elucidate mechanisms underlying mitochondrial quality control to suppress familial forms of Parkinson's disease	16
	Molecular Regulation of Aging 2)	Prof.	ISHIGAMI, Akihito	Elucidation of aging mechanism and anti-aging research	17
	Plant Growth Regulation 3)	Assoc. Prof.	SEO, Mitsunori	Plant Hormones, Seed Biology	18
	Chemical Biotechnology 3)	Prof.	ITO, Yoshihiro	Design and development of bioconjugated molecules and materials for biomedical applications	19

1)Tokyo Metropolitan Institute of Medical Science

2)Tokyo Metropolitan Institute of Gerontology

3)RIKEN

◇ Affiliated graduate school

Field Number	Guest Professor	Affiliation	Research Subjects
1	MIURA, Yuri	Tokyo Metropolitan Institute of Gerontology	Search for diagnostic markers using proteome-based technologies
1	NONAKA, Takashi	Tokyo Metropolitan Institute of Medical Science	Molecular mechanisms of neurodegenerative diseases
3	INOUE, Azusa	RIKEN Integrative Medical Sciences	Intergenerational epigenetic inheritance in mammals
4	UENO, Kohei	Tokyo Metropolitan Institute of Medical Science	Neural plasticity in the <i>Drosophila</i> brain
10	IINO, Takao	RIKEN, BioResource Research Center	Isolation and polyphasic taxonomy of yet-to be cultured archaea and bacteria.



2020年度 東京都立大学大学院 理学研究科(博士後期課程) 2020 Doctoral Program Graduate School of Science Tokyo Metropolitan University  <b>受験票</b> Examination Admission Card	※受験番号 *Examination No.
	ふりがな
	氏名 Full Name

都立大・理・博後 2020 2020 Doctoral Program / Science / TMU  <b>写真票</b> Photo Card		<b>写真貼付</b> <b>1. 最近3か月以内に撮影したもの</b> <b>2. 縦4cm×横3cm</b>  ATTACH PHOTO HERE 1. Photo taken within the past three months 2. Height 4cm x Width 3cm
※受験番号 *Examination No.	ふりがな	
氏名 Full Name	氏名 Full Name	

東京都立大学大学院理学研究科 (博士後期課程) 入学願書  
Application Form for 2020 Doctoral Program  
Graduate School of Science, Tokyo Metropolitan University  
2020

※受験番号 *Examination No.		希望指導教員 Desired Supervisor	
志望専攻 Desired Specialization	専攻 Specialization		
	分野番号 Field number		
氏名 Full Name	ふりがな		性別 Sex
	西暦 年 月 日生 Date of Birth: (YYYY) (MM) (DD)		男・女 Male / Female
現住所 Current Address		年齢 Age	
出身大学 Alma Mater		才	
修士論文題名 Master's Thesis Title	国立 National 公立 Public 私立 Private		
	大学大学院 University Graduate 研究科 Graduate Course 専攻 Major		
連絡先 Contact	西暦 年 月 日 修了 (YYYY) (MM) (DD) completed		
	指導教員氏名 Supervisor Name		
メールアドレス Email Address	本人と速やかに連絡がとれる電話番号 Please provide a phone number by which you can be easily contacted.		
	(呼) 様方 (ask for)		
@			

希望する分野番号を分野番号欄に記入すること。  
Write your intended field number in the space for 'Field Number'.  
受験番号欄(※印)には記入しないこと。  
Do not fill in the box of \*Examination No.

- 1 この受験票は、口述試験の際、必ず携行呈示すること。  
忘れると受験できません。
  - 2 合格通知書および入学手続書類を受領の際には、受験票と引き換えになります。
1. You must have this examination admission card with you at the time of your oral examination. You will not be tested without it.
  2. Exchange your examination admission card for your written notice of acceptance and enrollment forms.

履 歴 書			
Resume			
Full Name 氏名			Date of Birth 生年月日
			年 月 日生 Date of Birth; (YYYY) (MM) (DD)
Section 区分	year 年	month 月	day 日
			Particulars 事項
Educational History 学歴			高等学校卒業 High school graduation
Research Achievements 研究業績			
Employment History 職歴			
Rewards and Punishments 賞罰			
Notes 備考			

- 1 学歴は高等学校卒業から記入すること
  - 2 研究発表をしたことがあれば、研究業績欄に研究題名、研究機関、年月日等を記入すること。
1. Please write your educational history after graduation from high school.
  2. If you have presented research papers, please write the title, research organization, date, etc., of the research presented.

振込用紙による支払の方のみ

## 入学審査料振込確認票

Certificate for a Fee Payment by using Payment Slip

出願者氏名 Name	
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振込証明書(A票)  
貼付欄  
Please paste  
the payment receipt(A part)

入学審査料(30,000円)は、別紙の振込依頼書により金融機関窓口で振り込んでください。ATM(現金自動預入払出機)での払込みはできませんので、ご注意ください。

The application fee (30,000 yen) should be paid to the specified Japanese bank by using payment slip. Do not use ATM for the payment.

入学審査料振込後、「振込証明書(A票)」「取扱銀行収納印のないものは無効)をこの用紙に貼り付け、他の出願書類と一緒に提出してください。

Attach the payment slip impressed with the bank's receipt stamp to the specified area of this sheet.

Web(e-支払サイト)による入学考査料支払の方のみ

## 「収納証明書」貼付用台紙

Certificate for a Fee Payment by using Web Site

「入学検定料・選考料 取扱明細書」の「収納証明書」部分を切り取り、下の枠内に貼り付け、他の書類と一緒に提出してください。

If the payment is made in Japan, submit your certificate for a fee payment by attaching it on this paper.

英語サイトから支払った場合は、「Result page」をそのままの状態での出願書類と一緒に提出してください。この台紙には貼付しないでください。

When the payment is made through the English web site, submit the printout of the "Result page" without using this sheet.

※こちらの用紙はコピーを1部とり、併せて提出してください。

When you submit this sheet, please make a copy and submit both of them.

出願者氏名 Name	
---------------	--

## 「収納証明書」貼付用台紙

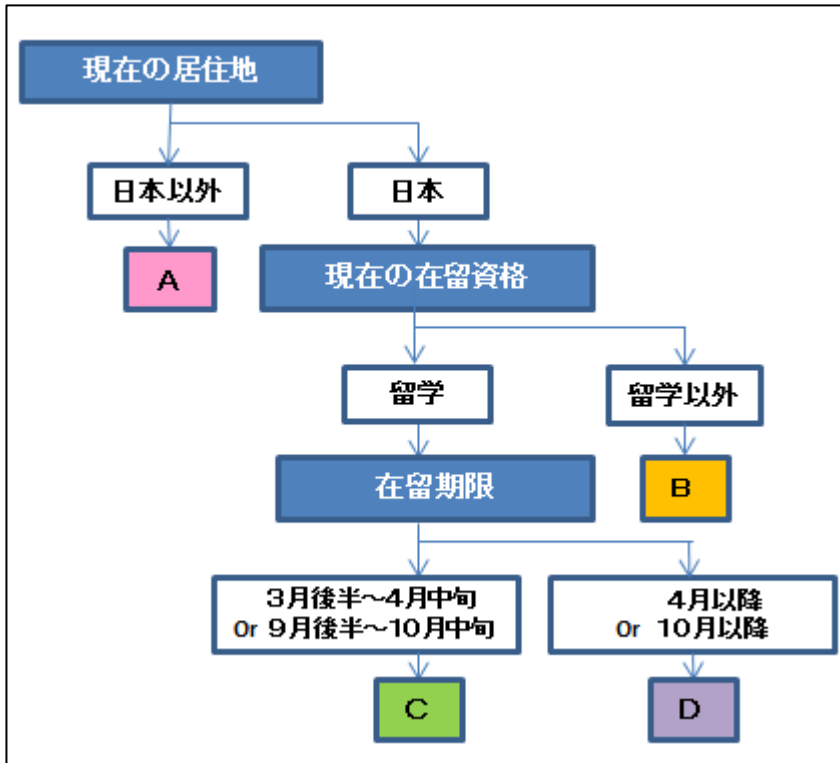
Certificate for a Fee Payment

(受験票と一緒にお返します。)

To be returned with your examination admission card.

留学ビザ取得・更新サポート申込書

※在留資格について確認しますので、東京都立大学に入学する留学生は全員この調査票に記入後、出願書類と併せて提出してください。



**A** : すぐに留学ビザの申請が必要です。合格後入学の意思のある学生に対し、在留資格認定証明書 (COE) を本学が入国管理局へ代理申請します。詳細な手続き及び案内は、入学試験合格後に国際課よりメール連絡します。

**B** : 「留学」資格に変更を希望される方は在留資格変更手続きが必要です。入学後、合格証明書、授業料支払を行った払込票、在留カード、学生証をもって国際課へ来てください。

**C** : すぐに在留期間更新手続きが必要です。合格証明書、授業料支払を行った払込票、在留カードをもってお早めに国際課へ来てください。  
3 or 9月以前に切れる場合、前の所属機関で更新が必要です。

**D** : 所属機関の変更手続きが必要です。詳しくは入学後の新入生オリエンテーションでお話しします。

★あなたに該当するのは ( A・B・C・D ) ABCDに当てはまらない方は下記へお問い合わせください。

COE 交付申請・在留資格の変更申請・在留期間の更新申請は、入国管理局で個別に審査していますので、必ずしも許可が下りるとは限りません。また入学日に間に合わない場合もあります。その場合、東京都立大学は責任を負いません。

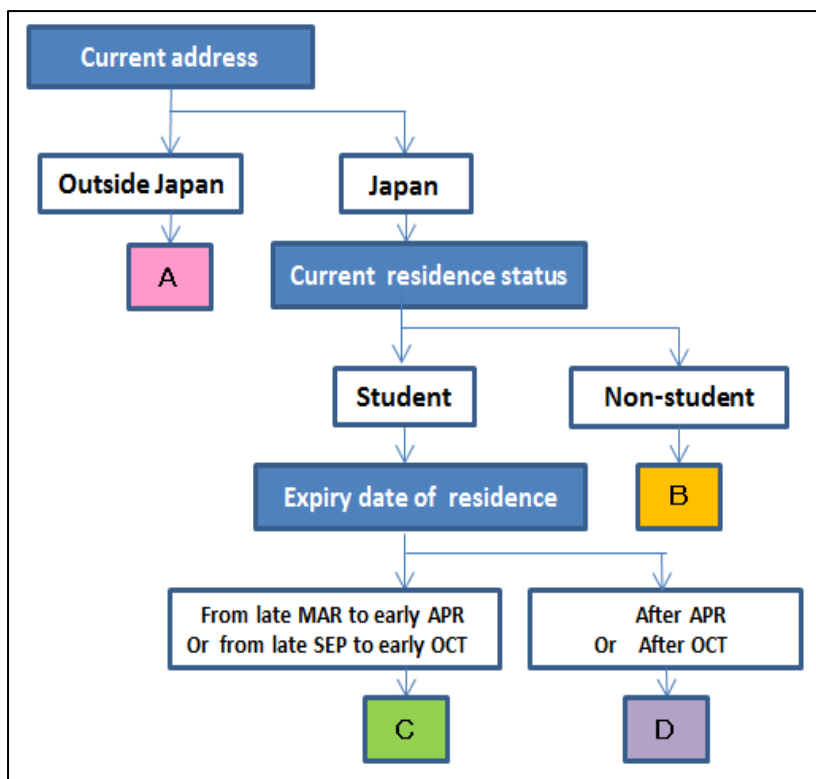
氏名 (アルファベット)			
漢字氏名 (漢字圏の学生のみ)			
生年月日	性別	年 月 日	女性 ・ 男性
国籍			
在留資格		なし ・ あり (在留資格 : )	
在留期限 (ありと回答した場合)		年 月 日 まで有効	
現所属機関 (学校・会社等)			
過去の在留資格認定証明書 または査証申請歴		交付 ・ 不交付 ・ 不使用 ・ 取り下げ ・ 無 期間 _____ 在留資格 _____	
連絡先住所			
メールアドレス (丁寧に記入してください。)			
連絡先電話番号 (国際電話も可)			
入学希望の学部 (系)・研究科名			
入学希望の課程		学部 ・ 博士前期 ・ 博士後期 ・ 研究生	
希望する指導教員名			

問い合わせ先：国際課  
(E-mail) [tmu-coesupport@jmj.tmu.ac.jp](mailto:tmu-coesupport@jmj.tmu.ac.jp)  
(電話番号) 042 - 677 - 2030 (直通)

本人署名： \_\_\_\_\_  
(記入日： 年 月 日)

## STUDENT VISA SUPPORT REQUEST FORM

Please be sure to submit this form along with your admission application documents to the academic affairs office of your desired graduate school (graduate admission) or the Admissions Center (undergraduate). All students are required to submit this form.



**Category A:** You have to apply for a student visa as soon as possible. If you have the intention to enroll in TMU after passing the entrance exam, you need to obtain a Certificate of Eligibility (COE) for visa application. TMU applies for it to Japan’s Immigration Bureau on behalf of you. The International Affairs Office will contact you to give information about further procedures after you pass the exam.

**Category B:** For those who want to change your status to ‘student’, you need to apply for a change of the Status of residence. After being enrolled in TMU, please come to our International Affairs Office with your student ID, residence card and the receipt for your tuition payment you made to the University.

**Category C:** You need to apply for an extension of the period of stay soon. Please come to our international affairs office with your student ID, residence card and the receipt for your tuition payment. If your period of stay is expired before March or September, you have to extend at the previous educational institution/employer.

**Category D:** You need to change the accepting institution to our university from the previous one. Further information about procedures will be provided at orientation for newly enrolled students.

Which do you fall under, Category A, B, C or D? Those who do not fall under any of the categories please contact us.

(NOTE): Applications for a COE, change of the status of residence and extension of the period of stay are screened case by case, therefore, permission is not always given. There is also a possibility that the permission is not given by the enrollment date. In these cases, TMU is not responsible.

Name (in English alphabets)			
Name (in Kanji if any)			
Date of birth	Gender	(Year)/ (Month)/ (Day)	Male / Female
Nationality			
Status of residence (if applicable)		Yes / No (Type of Visa: _____ )	
Expiry date of status of residence		Valid until	(Year)/ (Month)/ (Day)
Current educational institution/employer			
Regarding your history of Certificate of Eligibility or visa application, check the ones applicable.		Issued / Denied / Not used / Withdrawn / None Duration _____ Status of Visa _____	
Contact address			
E-mail address (should be legible)		@	
Contact phone No. (International phones applicable)			
Name of desired faculty (school) / graduate school			
Desired course		Undergraduate / Master’s / Doctoral / Research Student	
Desired academic advisor			

Contact: International Affairs Office  
 E-mail: [tmu-coesupport@jmj.tmu.ac.jp](mailto:tmu-coesupport@jmj.tmu.ac.jp)  
 Phone: 042-677-2030 (direct)

Signature of Applicant:

\_\_\_\_\_  
 (DATE                    Y /                    M /                    D)

Questionnaire sheet of scholarship provided by  
Japan Student Services Organization (JASSO)  
<For October enrollment>

Those who wish to apply for a JASSO reserved scholarship are required to fill in this form and submit along with other application documents to Academic Affairs Section of Science and Engineering.

\*To be qualified for this scholarship, applicants must be permanent residents in Japan if they have nationality other than Japanese. Applicants whose residence status in Japan is “study” are not qualified for this application.

1. Applicant' name and desired department to enroll

Department	Applicant's name

2. Conditions of application: Please circle the appropriate item.

(1) Applying for **either** Scholarship Type 1 or Type 2

Circle	Conditions	Confirmation
(1)	Apply for a Scholarship Type 1 only	* Don't fill in here
(2)	Apply for a Scholarship Type 1 for first choice Apply for Type 2 for second choice if application of Type 1 scholarship is rejected	
(3)	Apply for a Scholarship Type 2 only	

(2) Applying for **both** Scholarships Type 1 and 2 as plural grants

Circle	Condition	Confirmation
(4)	Apply for plural grants of Scholarships Type 1 and 2 only	* Don't fill in here
(5)	Apply for plural grants of Scholarships Type 1 and 2 for first choice Apply for only a Scholarship Type 1 if application of plural grants is rejected	
(6)	Apply for plural grants of Scholarships Type 1 and 2 for first choice Apply for a Scholarship Type 2 if application of plural grants and single grant of Type 1 are both rejected	
(7)	Apply for plural grants of Scholarships Type 1 and 2 for first choice Apply for only a Scholarship Type 2 if application of plural grants is rejected.	

\* Please be aware that the chance for acceptance becomes lower if you choose (4). State the reason if you desire to apply for (4) nevertheless.

(3) Applying for Special Increased Scholarship at School Entry

Circle	Item
(1)	Apply for Special Increased Scholarship at School Entry

# Graduate School of Science Tokyo Metropolitan University

How to make the Payment for the Examination Fee by Credit Card, Union Pay, and Alipay.

— 24 hours a day, 365 days a year, you can pay anytime! Easy, Convenient and Simple! —

You can pay the Examination Fee by using  
Credit Card, Union Pay, and Alipay.



Access

<https://e-shiharai.net/ecard/>



You can access  
from our  
website too!

Web Application - Online Transaction

## 1. Top Page

Click "Examination Fee".

## 2. Terms of Use and Personal Information Management

Please read the Terms of use and Personal Information Management.  
Click "Agree" button located in the lower part of this page if you agree with these terms.  
Click "Not agree" button located in lower part of this page if you do not agree with these terms.

## 3. School Selection

Click "Tokyo Metropolitan University (Graduate school)".

## 4. School Information

Read the information carefully and click "Next".

## 5. Category Selection

Choose first to fourth selection and add to basket.

## 6. Basket Contents

Check the contents and if it is OK, click "Next".

## 7. Basic Information

Input the applicant's basic information.  
Choose your credit card and click "Next".

### Paying by Credit Card

Input Credit Card Number (15 or 16-digits),  
Security Code and Expiration Date.

All of your application information is displayed.  
Check and click "Confirm".

Click the "Print This Page" button and print out  
the "Result" page.

### Paying by Union Pay, or Alipay

All of your application information is displayed. Check and click "Confirm".

Follow the onscreen instructions to complete the card payment.  
Please write down the "Receipt Number" given when you  
complete your application.

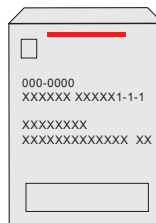
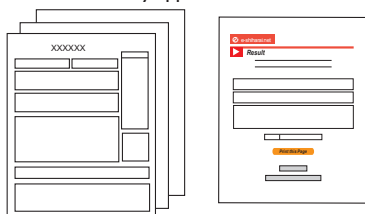
Please click the "Application Results" button in the upper  
part of this site (e-shiharai.net).

Input enter your "Payment Method", "Receipt Number"  
and "Birth Date".  
Please make sure your printer is ready.

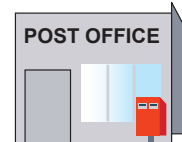
Please print out the "Payment Inquiry - Inquiry result" page.

Enclose the printed "Result" page in an application envelope with  
other necessary application documents.

Necessary application documents



Mail it from Post office



## [NOTICE/FAQ]

- During payment periods and application periods mentioned in the application documents, you can make a payment anytime. Please confirm from application documents and complete payment in time for the application period.
- On the last date of the payment period, please finish card settlement procedure by 11:00pm Japan time.
- Please note that refund is not possible once you have made a payment of Entrance examination fee.

- A fee is added to Examination fee. For further info, please visit our website.
- It is possible to use a card which carries a name different from that of the applicant. However, please make sure that the information on the basic information page is the applicant's information.
- If you did not print out "Result" page, you can check it later on Application Result page. Please enter "Receipt Number" and "Birth Date" to redisplay.
- Please directly contact the credit card company if your card is not accepted.

For questions or problems not mentioned here, please contact :

**E-Service Support Center Tel : +81-3-5952-9052 (24 hours everyday)**