

**Tokyo Metropolitan University**  
**Graduate School of Science**  
**Application Guidelines for 2018 Master's Program**  
**<October Enrollment>**

Summer examination: August 28 (Tue) and 29 (Wed), 2018

Administrative affairs concerning entrance examinations of this Graduate School 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  
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<http://www.se.tmu.ac.jp>

## Table of Contents

Admissions Policies	----- 1
I Application Guidelines for 2018 Master's Program (October Enrollment)	----- 6
II Payment of Entrance Examination Fee	----- 15
III Application Procedure	----- 16
IV Admission Procedure, Admission Fees, Tuition Fees, and Others	----- 19
V Introduction of Thesis Advisors, Visiting Professors from Partner Institutions, and Study Fields of the Graduate School of Science	----- 21
VI Precautions for Taking the Entrance Examinations	----- 25

### Accompanying Documents

Entrance Examination Fee Transfer Request Form

Application Form/Photo Card/Exam Admission Card/Exam Desk Card

Certificate for Fee Payment by Using Payment Slip

Certificate for Fee Payment by Using Website

Applicant's Inquiry Sheet under Qualification (3) or (4)

Student Visa Support Request Form

Questionnaire Sheet of Scholarship Provided by Japan Student Services Organization

<p style="text-align: center;"><b>Admissions Policy of the Graduate School of Science, Tokyo Metropolitan University</b></p>
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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.

<p><b>Department of Mathematical Sciences</b></p>
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**[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

# **I Application Guidelines for 2018 Master's Program <October Enrollment>**

## **1. Entrance examination schedule**

First-stage examination (Written) **August 28 (Tue), 2018**

Second-stage examination (Oral) **August 29 (Wed), 2018**

## **2. Number of students to be recruited**

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

## **3. Qualification\***

- (1) Individuals who have graduated or are expected to graduate from a university by September 2018 (Note 1)
- (2) Individuals who have been granted, or are expected to be granted by September 30, 2018, a bachelor's degree in accordance with Article 104 Paragraph 4 of the School Education Act of Japan (Note 2)
- (3) Individuals who have completed 16 years of education at a school in a foreign country (Note 3)
- (4) Individuals who have completed 16 years of school education at a foreign school by taking their correspondence course in Japan
- (5) Individuals who have received a degree equivalent to a bachelor's degree or are expected to receive one by September 30, 2018 after completion of a prescribed three-year or longer course of study (including completing schooling by taking correspondence courses provided by a foreign school in Japan or completing schooling provided by a foreign school positioned as an academic institution under the educational system of the said country and that is independently accredited by the Minister of Education, Culture, Sports, Science and Technology) at a foreign university or a foreign school (of which comprehensive educational programs have been evaluated by the said foreign country or its related organization, or have been designated by the Minister of Education, Culture, Sports, Science and Technology as programs being equivalent to it)
- (6) Individuals who have completed a foreign university's program at an institution in Japan that is recognized by the educational system of the said foreign country as having university courses (limited to those who have completed 16 years of school education in the said foreign country) and is accredited by the Minister of Education, Culture, Sports, Science and Technology
- (7) Individuals who have completed a specialized course at a vocational school (limited to courses that have a duration of 4 years or more and satisfy the conditions set by the Minister of Education, Culture, Sports, Science and Technology) accredited by the Minister of Education, Culture, Sports, Science and Technology



Technology after the date set by the Minister

- (8) Individuals who were designated by the Minister of Education, Culture, Sports, Science and Technology (1953 Ministry of Education Notification No. 5) (Note 4)
- (9) Individuals who have passed the individual screening for qualification to this Graduate School as having academic aptitude equal to or greater than the graduates of an undergraduate faculty and who are 22 years of age or over (as of October 1, 2018)

\* Those who are applying under above (3) or (4) must submit the “Applicant’s Inquiry Sheet based on Qualification (3) or (4).”

\* Those who are applying under above (9) must undergo the application qualification screening. Please file the application following the rules stated on page 7 of these Guidelines.

(Note 1) Universities as defined in Article 83 of the School Education Act of Japan

(Note 2) Submission of a NIAD-UE certificate issued by the National Institution for Academic Degrees and University Evaluation is required during the admissions processing period.

(Note 3) Including those who have completed a total of 16 years of programs in Japan and abroad combined.

(Note 4) Graduates of National Defense Academy of Japan, National Fisheries University, Meteorological College, Polytechnic University, etc.

#### **4. Application qualification screening**

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

- Those who apply under Qualification (9) above

##### **<Application period>**

**June 28 (Thurs) to July 5 (Thurs), 2018**

Please submit the application documents during the period specified above.

The reception of Academic Affairs Section of Science is available to receive the application documents on weekdays during 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 application period mentioned above.

##### **<Documents to be submitted>**

- Confirmation of Qualification (Use the form designated by this Graduate School)
- Certificate of (expected) graduation from last educational institution attended
- Academic transcript of last educational institution attended
- Statement of purpose (A4, 1 page)
- Confirmation of educational background

Those who are applying to Department of Biological Sciences are requested to also write down their career and research experiences (if any) after their last educational institution attended. If there is any document to certify engagement in research work, etc. (for example, a paper, summary of presentation at

an academic meeting, certificate of research participation issued by a research institute, and certificate issued by a thesis adviser), attach it as well.

- 1 standard-size return-mail envelope (for notification of application approval/rejection), self-addressed with 362-yen postage stamp(s) affixed (express delivery fee included)

※ At the time of application, you are not required to re-submit the both certificate of (expected) graduation and academic transcript of last educational institution attended.

#### <Designated form>

To obtain the designated forms of this Graduate School, download on the university's website ([http://www.se.tmu.ac.jp/entrance\\_exam.html](http://www.se.tmu.ac.jp/entrance_exam.html)) or send a letter of request with a self-addressed return-mail envelope\* enclosed (\*standard-size envelope with an 82 yen postage stamp affixed) to Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University. Write down in red **“Request for Application Form for Qualification Screening for Master’s 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

(Send **by registered express mail** and write down in red **“Documents for Qualification Screening for Master’s Program (October Enrollment) enclosed”** on the front left side of the envelope.

#### <Notice of results>

Notification will be sent out on **July 20 (Fri), 2018**.

#### <Application procedure>

Individuals who have received approval in the preliminary consultation may proceed with the application based on these Guidelines.

## 5. Request for written examination in English

If you wish to take the written examination in English, please contact Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University during the following period. An action will be taken after consultation. A request form can be downloaded on the university's website ([http://www.se.tmu.ac.jp/en/entrance\\_exam.html](http://www.se.tmu.ac.jp/en/entrance_exam.html)).

#### <Request acceptance period>

**June 21 (Thurs) to July 5 (Thurs), 2018**

The reception of Academic Affairs Section of Science is available to receive the form on weekdays during 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.

## 6. 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.

“Request for Consultation Regarding Entrance Examinations of the Graduate School of Science” can be downloaded from the university’s website ([http://www.se.tmu.ac.jp/entrance\\_exam.html](http://www.se.tmu.ac.jp/entrance_exam.html)). Alternatively, send a letter of request to Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University together with a self-addressed return-mail envelope (standard-size envelope with an 82 yen postage stamp affixed).

### <Request acceptance period>

**June 28 (Thurs) to July 5 (Thurs), 2018**

The reception of Academic Affairs Section of Science is available to receive the form on weekdays during 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 Examinations of the Graduate School of Science (Master’s Program) (October Enrollment)” (designated form of this Graduate School)

### <Place for submission>

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

(Send by **registered express mail** and write down in red “Request for Consultation Regarding Entrance Examinations of the Graduate School of Science and Engineering (Master’s Program) (October Enrollment) enclosed” on the front left side of the envelope.)

## 7. Request for adult working student enrollment

Programs suitable for adult working students are available to individuals who fall under any of the items listed in “3 Qualification” on pages 6-7 of these Guidelines, have worked in the same firm, research institute, educational institution, etc. for at least one year before the date of enrollment, and have received approval from their supervisor to continue working for the same employer after enrollment. For those seeking enrollment as adult working student, please notify in advance as follows. Even without using this system, you can still apply as an ordinary student.

### <Request acceptance period>

**June 28 (Thurs) to July 5 (Thurs), 2018** (Documents must arrive by.)

The reception of Academic Affairs Section of Science is available to receive the forms on weekdays during 10:00 am - 12:00 pm and 2:00 pm - 4:00 pm only (excluding national holidays). If you send the application

documents by post, they must arrive no later than the last date of the above period.

**<Documents to be submitted>**

- ・ Curriculum vitae (designated form of this Graduate School)
- ・ Certificate of approval for application issued by the applicant's supervisor (designated form of this Graduate School)
- ・ Research interest information sheet (designated form of this Graduate School or a form created in accordance with the designated form of this Graduate School)
- ・ Certificate of (expected) graduation from last educational institution attended
- ・ 1 standard-size return-mail envelope (for notification of application approval/rejection), self-addressed with 362-yen postage stamp(s) affixed (express delivery fee included)

※ At the time of application, you are not required to re-submit the both certificate of (expected) graduation and academic transcript of last educational institution attended.

**<Designated form>**

To obtain the designated forms of this Graduate School, download on the university's website ([http://www.se.tmu.ac.jp/entrance\\_exam.html](http://www.se.tmu.ac.jp/entrance_exam.html)) or send a request in writing to Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University, enclosing a self-addressed return-mail envelope (12 cm x 23.5 cm size with an 82-yen postage stamp affixed) and writing down **in red "Request for Consultation Regarding Application for Adult Working Student of Master's 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

(Send **by registered express mail** and write down **in red "Request for Consultation Regarding Application for Adult Working Student of Master's Program (October Enrollment)** enclosed" on the front left side of the envelope.)

**<Notice of results>**

Notification will be sent out on **July 20 (Fri), 2018**.

After acceptance of request, a notification will be sent separately if an interview, etc. is necessary. A notification will not be given to the applicants of document screening only.

**<Application procedure>**

Individuals who have received approval in the preliminary consultation may proceed with the application based on these Guidelines.

#### <Partial exemption from written examination>

When an individual wishing to enroll in the Department of Biological Sciences as an adult working student has already taken at least 2 subjects (4 units) of the Department as a credited auditor and is recognized to have an academic ability equivalent or higher enough to earn credits, he/she will be exempted from the written examination in the specialized subject (Biology).

※ 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.

### 8. Applicants residing outside Japan

Applicants residing outside Japan require individual support for application. Please inform Academic Affairs Section of Science of your intention prior to the application period at [rikou.r@jmj.tmu.ac.jp](mailto:rikou.r@jmj.tmu.ac.jp).

### 9. Long-term study system

Graduate School of Science has a system in place in which students may complete their courses on a pre-planned basis during fixed periods exceeding the conventional number of years of study (2 years for the Master's Program) if they so desire, due to such circumstances as occupation, childbirth, childcare, nursing needs, and the like.

Students permitted to undertake long-term study must pay the same tuition fees as those paid for the conventional number years of study in installments over the permitted period of long-term study.

#### <Qualification criteria>

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

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

#### < Application procedure>

Application information and designated forms are available to download on the university's website ([http://www.se.tmu.ac.jp/entrance\\_exam.html](http://www.se.tmu.ac.jp/entrance_exam.html)). Send the application forms together with other required application documents. Be sure to confirm the detail explained in the application information. Notification of approval/rejection is scheduled to be sent out on **September 7 (Fri), 2018** (scheduled).

### 10. Application procedure

Individuals who wish to apply must submit the following documents by the prescribed date.

Application documentation	Remarks
(1) Application Form Exam admission card Photo card Exam desk card	<p>Use the designated form of this Graduate School. (Also fill out the reverse side of this form.)</p> <ul style="list-style-type: none"> <li>Enter the application field number using the numbers (1), (2),... corresponding to the fields of research described on pages 21-24. In the case of the <u>Department of Physics</u>, however, enter the field number in the first choice column and the group number A to D in the second choice column. In the case of the <u>Department of Chemistry</u>, enter the field number of the first choice in the first choice column and enter at most 4 field numbers from the second to the fifth choice in the second choice column, from the left in the order of preference. For <u>Department of Biological Sciences</u>, enter the desired field number in the first choice column and the second and third choices in the second choice column from the left in the order of preference. <u>Read carefully “Precautions for Taking the Entrance Examinations” on page 25-30 and following for details.</u></li> <li>Affix your photo (4 cm in height x 3 cm in width) in the specified column, which should be upper-body, frontal and without a hat, taken within the last 3 months of application.</li> </ul>
(2) Academic transcript	<p>Issued by the president or the dean of the university attended, etc.</p> <p>※ This is not required for students of the School of Science and Engineering of the Faculty of Urban Liberal Arts or students of the Faculty of Urban Environmental Sciences, Tokyo Metropolitan University.</p>
(3) Certificate of (expected) graduation	<p>Issued by the president or the dean of the university attended, etc.</p> <p>※ This is not required for students of the School of Science and Engineering of the Faculty of Urban Liberal Arts or students of the Faculty of Urban Environmental Sciences, Tokyo Metropolitan University.</p>
(4) Payment receipt (A part) or <u>Payment certificate</u> ※ or <u>Printout of Results page</u> ※ ※ Attach a photocopy of the original payment certificate.	<p>30,000 Japanese yen (Entrance examination fee)</p> <p>※ <b><u>Entrance examination fee will not be refunded for any reason once the application is processed.</u></b></p> <p><b>【Payment by means of transfer request form】</b></p> <p>After paying the entrance examination fee, confirm the bank receipt seal on the “payment receipt (A part)” and paste the receipt on <u>“Certificate for Fee Payment by Using Payment Slip”</u>.</p> <p><b>【Online payment (e-payment site)】</b></p> <p>Those who made the payment on Japanese website must paste the <u>“payment certificate”</u> portion of the “handling statement of entrance exam/screening fee” on <u>“Certificate for Fee Payment by Using Website”</u>, and those who made on English website must submit <u>a printout of the “Results page”</u>. In both cases, please also submit one photocopy of the original payment certificate.</p>

<p>(5)</p> <p>Return-mail envelope</p>	<p>On a return-mail envelope, clearly write down the address, name, and postal code, and affix postage stamps worth 362 Japanese yen (express delivery fee included).</p>
<p>(6)</p> <p><b>(Applicants for the Departments of Physics, Chemistry, Biological Sciences,)</b></p> <p>One score certificate from the following</p> <ul style="list-style-type: none"> <li>· TOEIC</li> <li>· TOEFL (TOEFL-iBT)</li> <li>· IELTS (Academic Module)</li> </ul>	<p>The validity of a score is within 2 years before the date of the entrance examination. Thus, the score of an external test taken in and after August 2016 is valid for application.</p> <p>1. Using TOEIC score:</p> <ul style="list-style-type: none"> <li>· The score of a group test (TOEIC-IP) and TOEIC speaking test/writing test are not acceptable.</li> <li>· Submit <b><u>the original</u></b> Official Score Certificate together with Application Form and other documents within the application period.</li> </ul> <p>2. Using TOEFL (TOEFL-iBT) score:</p> <ul style="list-style-type: none"> <li>· The score of a group test (TOEFL-ITP) is not acceptable.</li> <li>· Submit a Test Taker Score Report together with other application documents within the application period. Test Taker Score Report should be either <u>a photo copy of the original paper score sheet sent from ETS</u> or <u>a printout of the score from the “My Home Page” on the ETS web site.</u></li> <li>· Present at the test site of the written test <u>the original copy</u> of the Test Taker Score Report for cross-checking with the photo copy already submitted at the time of application. When it is difficult to bring the original to the test site by any possibility (for the reason such as the original score report must be sent to another university for application purpose), contact Academic Affairs Section of Science for advance checking of the original copy.</li> </ul> <p><u>* Test fee includes 1 free Test Taker Score Report to be sent to the test taker. Please note that, however, the report will be mailed only if you have selected “Online score report AND a paper copy mailed to you” on the “Score Reporting Preference” page when registering for a test. (As of May 2018)</u></p> <ul style="list-style-type: none"> <li>· Successful applicants will be requested to submit the Official Score Reports at a later date. As the due date is indicated together with the letter of acceptance, make sure to obtain the Official Score Reports from the Educational Testing Service (ETS) so that it can be submitted by the due date. The DI code for Tokyo Metropolitan University is <b>“7169.”</b> If any falsification, etc. is found when comparing the Official Score Reports and the already-submitted Test Taker Score Report (photo copy), the entrance permission will be withdrawn.</li> </ul> <p>[Reference] <a href="https://www.cieej.or.jp/toefl/">https://www.cieej.or.jp/toefl/</a> (CIEE Japan)</p> <p>3. Using IELTS (Academic Module) score:</p> <ul style="list-style-type: none"> <li>· The score of IELTS (General Training Module) is not acceptable.</li> <li>· Submit <b><u>the original</u></b> Test Report Form together with the Application Form and other documents within the application period.</li> </ul>

	※ For further information, please see the website of the Graduate School of Science. ( <a href="http://www.se.tmu.ac.jp/entrance_exam.html">http://www.se.tmu.ac.jp/entrance_exam.html</a> )
(7) Applicant's Inquiry Sheet under Qualification (3) or (4)	Required for those who apply under Qualification (3) or (4)
(8) Student Visa Support Request Form	When any support is necessary regarding acquisition/renewal of visa, fill out the "Student Visa Support Request Form" and submit it together with application documents. ※ Support will be provided only for visa acquisition/renewal at the time of enrollment, not at the time of entrance examination.
(9) Certificate of receipt for government-financed scholarship	For government-financed foreign students (through Embassy Recommendation or Domestic Selection) who are currently enrolled in other universities but wish to enter this University, submit the certificate of receipt for government-financed scholarship. As for "Application for Extension of Scholarship Period" (required for a high-ranking academic program including this university), check with the university that you are currently enrolled in.
(10) Questionnaire sheet of scholarship provided by Japan Student Services Organization (for October enrollment)	Submission is required if you wish to apply for the scholarship. ※ Some restrictions apply to those who have nationality other than Japanese. (Applicants whose residence status in Japan is "study" are not qualified for this application.)
(11) Application form for Long-term study system	For those who wish to use the long-term study system upon enrollment, download the application information and forms on the university's website ( <a href="http://www.se.tmu.ac.jp/entrance_exam.html">http://www.se.tmu.ac.jp/entrance_exam.html</a> ) and submit the completed forms together with other application documents.

## 11. 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.



## 12. Handling of personal information

Please acknowledge beforehand that Tokyo Metropolitan University handles personal information strictly in accordance with laws and regulations, as follows:

- (1) Personal information, such as name and address provided to the university at the time of examination, is used for applicants' screening (processing application, conducting screening/ examination, and announcing the results). In addition, personal information of the enrolled students will be used for the procedures concerning (1) academic affairs (school register, educational guidance, etc.), (2) student support service (healthcare, employment support, reduction/exemption of tuition fees, application for scholarship, etc.) and (3) clerical work for tuition collection.
- (2) Examination results used for the admission selection will be used for preparation of the reference materials for future admission selection, etc.

## II Payment of Entrance Examination Fee

### (1) Payment by transfer request form

- ① Pay the entrance examination fee (30,000 Japanese yen) by bank transfer (wire), using the transfer request form provided in these Guidelines. (excluding at Japan Post Bank (Yucho))
  - ✕ Transfer cannot be made through post office.
  - ✕ 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 must be shouldered by the remitter. In the case of transfer made at the head office/branches of Mizuho Bank, no service charge is required.
- ③ After transfer, paste the “payment receipt (A part)” (\* invalid without the bank receipt seal) on “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/>) 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, only 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 must be shouldered by the remitter.

#### ① Payment made on Japanese website

After payment, detach the “payment certificate” portion of the “handling statement of entrance exam/screening fee” and paste it on “Certificate for Fee Payment by Using Website” for submission.

② Payment made on English website

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

<Payment period>

**July 12 (Thurs) – August 2 (Thurs), 2018**

<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 the Great East Japan Earthquake occurred in March 2011, a series of earthquakes occurred in Kumamoto region in April 2016, or a series of torrential rains occurred in the northern part of Kyushu in July 2017 will be exempted from the obligation to pay the entrance examination fee. Consult with Academic Affairs Section of Science, Administrative and Student Affairs Division of Science before making a bank transfer.

### III Application procedure

#### 1. Application period

**July 27 (Fri) to August 3 (Fri), 2018** (Documents must arrive by.)

- **Application will be accepted only by post. Applications directly delivered in person will not be accepted.**
- Send the application in non-standard-size envelope (24 cm x 33.2 cm, A4-size) to Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University by **registered express mail**. Be sure to write down **in red “Application Documents for Master’s Program (October Enrollment) enclosed”** on the front left side of envelop.
- Send the application well in advance considering the days to be delivered.
- Be sure to contact the Office if you do not received your exam admission card by August 10 (Fri), 2018.

#### 2. Entrance examination fee

30,000 Japanese yen

- As for the payment method, please see the previous page.
- Entrance examination fee will not be refunded for any reason once the application is processed.

[How to refund entrance examination fee]

A refund request for the entrance examination fee can be made if the fee was paid but the application was not submitted or if it was wire-transferred twice by mistake. For details, please refer to 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)

### 3. Screening method for applicants

Screening of applicants is conducted on the basis of the results of written and oral examinations as well as the academic transcript of the last educational institution attended in a comprehensive manner.

- (1) Examination subjects, and screening date and time, etc.: Refer to the next page.
- (2) Examination venue: Building Nos. 8 and 11, Minami-Osawa Campus, Tokyo Metropolitan University  
**(Details will be posted in front of Science Office in Bldg. No.8 and in front of Bldg. No. 11 on the examination day.)**
- (3) Announcement of results of first examination: See “Important reminders” of the next page.

### 4. Announcement of results

Date & time: **September 7 (Fri), 2018 at 2:00 pm**

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

**The exam admission card numbers of successful applicants will be also 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 list of successful applicants posted in front of the Office. (Please note that telephone inquiries are not accepted.)**

- (1) The letter of acceptance and other materials will be issued to the successful applicants by Academic Affairs Section of Science, Academic and Student Affairs Division of Science in exchange for the exam admission card.

Issuance period: **September 7 (Fri), 2018 (2:00 pm - 5:00 pm)**

**September 10 (Mon), 2018 (10:00 am - 12:00 pm and 2:00 pm - 5:00 pm)**

- (2) If you wish to be notified of the final results by post, after the oral examination, submit your exam admission card and one non-standard-size return-mail envelope (24 cm x 33.2 cm, A4-size, with your name, postal address, and exam admission card number written) with 730 Japanese yen postage stamps affixed (including registered express fee) to Academic Affairs Section of Science, Academic and Student Affairs Division of Sciences, Administrative Affairs Department of Tokyo Metropolitan University.

### Summer examination: Examination subjects, examination date and time, etc.

Department	Written examination		Date and time	
	Subject	Foreign language	First examination (written examination)	Second examination (oral examination)
Mathematical Sciences	Math (perfect score: 300)	English (perfect score: 60)	August 28 (Tue) 9:30 am - 11:30 am Math I 1:00 pm - 2:30 pm Math II 2:50 pm - 3:40 pm English	August 29 (Wed) 10:00 am – 5:00 pm

Physics	Physics, Math (perfect score: 250)	Assessed on the basis of TOEIC, TOEFL or IELTS score (perfect score: 50)	August 28 (Tue) 9:30 am - 11:45 am Math Physics I 1:00 pm - 2:40 pm Physics II  *Applicants for adult working students are exempted from "Math and Physics I" examination.	August 29 (Wed) 1:00 pm - 7:00 pm
Chemistry	Chemistry (perfect score: 300)	Assessed on the basis of TOEIC, TOEFL or IELTS score (perfect score: 100)	August 28 (Tue) 9:30 am - 12:00 pm Chemistry	August 29 (Wed) 1:00 pm - 5:00 pm
Biological Sciences	Biology (perfect score: 200)	Assessed on the basis of TOEIC, TOEFL or IELTS score (perfect score:200)	August 28 (Tue) 9:30 am - 11:30 am Biology	August 29 (Wed) 10:00 am - 5:00 pm

### 【Important reminders】

- (1) An applicant found to have committed fraud shall be banned from taking the examination.
- (2) No dictionaries are allowed for the "foreign language" examination of the Department of Mathematical Sciences.
- (3) Successful applicants of the first examination are qualified to take the second examination. The results of the first examination will be announced as follows:

#### [Venue]

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

#### [Date and time]

Departments of Mathematical Sciences and Biological Sciences: August 29 (Wed) at 9:30 am

Departments of Physics and Chemistry: August 29 (Wed) at 12:00 pm

- (4) For applicants of the Department of Mathematical Sciences, read carefully the important reminders in "Precautions for taking the entrance examinations" (page 26).
- (5) For applicants of the Department of Physics, read carefully the important reminders in "Precautions for taking the entrance examinations" (page 27).
- (6) For applicants of the Department of Chemistry, read carefully important reminders in "Precautions for taking the entrance examinations" (page 28).
- (7) For applicants of the Department of Biological Sciences, read carefully important reminders in "Precautions for taking the entrance examinations" (pages 29-30).

## IV Admission Procedure, Admission Fees, Tuition Fees, and Others

### 1. Admission procedure

The successful candidates are requested to complete the admission procedure by **September 14 (Fri), 2018**.

The detail will be notified later.

### 2. Admission fee

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

Others: 282,000 Japanese yen (tentative amount)

※ The admission fee must be paid at the time of submission of admission documents. In the case of revision of admission fees, the new admission fees shall apply automatically.

※ A “resident of Tokyo” refers to the one whom he/she, or his/her spouse or first-degree relative has lived in Tokyo continuously for one year or longer (from October 1, 2017) before the day of enrollment (October 1, 2018). The applicant’s “Certificate of Items Stated in Resident Register” should be submitted in the case that he/she lives in Tokyo, or the relative’s “Certificate of Items Stated in Resident Register” plus the “Extract of Family Register” shall be submitted to confirm kinship with the applicant in other cases.

### 3. Tuition fee

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

- Tuition fee should be paid by money transfer. Students are requested to pay half (260,400 Japanese yen) of the annual amount by way of money transfer in late October and late April.
- In the case of revision of tuition fee in 2018, the new tuition fee shall apply.
- Tuition fee waiver is available.

### 4. Scholarships

#### (1) Scholarship by Japan Students Services Organization (JASSO)

Scholarship loan is available after enrollment to those whose applications are successfully accepted by JASSO.

#### (2) Benefit type scholarships provided by the Graduate school

Following scholarship programs are available to those who are enrolled in the Doctoral program of the Graduate School of Science. (Please note that the scholarship will not be provided to all applicants, as the selection of applicants is conducted according to the prescribed budget.)

[Research Encouragement Scholarship for Doctoral Program Students]

This is a benefit type scholarship to be provided to outstanding students enrolled in 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 Academic Affairs Section of Science by the end of December 2018. Program details are available on the website of Student Affairs Division.

[Scholarship in Support of Graduate Students]

This is a benefit type scholarship to be provided to outstanding students enrolled in Doctoral program, aiming to give them financial support and at the same time to produce highly capable personnels. 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 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 Academic Affairs Section of Science for details.

※ For further details, please contact 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)

## V 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 2019 and those marked with “\*\*” in March 2020.
- (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.
- (4) For applicants of the winter examination: Please directly contact the prospective thesis advisors regarding the availability of laboratories after the summer examination.

As of Oct, 2018 (Scheduled)

◆ Mathematical Sciences			
Research Field	Thesis Advisor		Field Number
Analysis	Professor	KURATA Kazuhiro	1
Algebra	Professor	KURODA Shigeru	2
Geometry	Professor	SOMA Teruhiko	3
Analysis	Professor	HATTORI Kumiko	4
Analysis	Professor	YOSHITOMI Kazushi	5
Analysis	Associate Professor	SAWANO Yoshihiro	6
Geometry	Associate Professor	TAKATSU Asuka	7
Geometry	Associate Professor	FUKAYA Tomohiro	8
Analysis, Applied Mathematics	Professor	TAKAKUWA Shoichiro	9
Algebra	Professor	TSUMURA Hirofumi	10
Algebra, Geometry	Professor	TOKUNAGA Hiro-o	11
Geometry	Professor	YOKOTA Yoshiyuki	12
Geometry	Associate Professor	AKAHO Manabu	13
Algebra, Geometry	Associate Professor	UEHARA Hokuto	14
Algebra, Geometry, Applied Mathematics	Associate Professor	KOBAYASHI Masanori	15
Geometry	Associate Professor	SAKAI Takashi	16
Applied Mathematics, Algebra	Professor	UCHIYAMA Shigenori	17
Applied Mathematics	Professor	FUKUNAGA Chikara*	18
Applied Mathematics, Analysis	Associate Professor	ISHITANI Kensuke	19
Applied Mathematics, Algebra	Associate Professor	UCHIDA Yukihiro	20
Applied Mathematics	Associate Professor	SUZUKI Toshio	21
Applied Mathematics	Associate Professor	MURAKAMI Hiroshi	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	
—		—	—	—	3	
Theoretical Astrophysics		Professor	MASAI Kuniaki **	High-Energy Astrophysics, Interstellar Medium, Clusters of Galaxies	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		Associate Professor	KAKUNO Hidekazu	Experimental High Energy Physics, Experimental Neutrino Physics	8	
Atomic Physics		Professor	TANUMA Hajime	Atomic Collisions and Spectroscopy, Electrostatic Ion Storage Ring, Highly Charged Ions, Ion Mobility in Gases, Laboratory Astrophysics	9	C
Experimental Astrophysics	Professor	OHASHI Takaya*	X-ray Astronomy, Observations and Instrumentation	10		
	Associate Professor	ISHISAKI Yoshitaka				
	Associate Professor	EZOE Yuichiro				
Correlated Electron Physics	Professor	AOKI Yuji	Strongly Correlated Electron Systems, New Materials (Superconductors, Quantum Magnets, Topological Materials)	11		
	Associate Professor	MATSUDA Tatsuma				
Neutron Scattering and Magnetism		Associate Professor	KADOWAKI Hiroaki	Quantum State of Matter, Neutron Scattering	12	D
Nano-science Research	Professor	MANIWA Yutaka **	Nanoscience, Condensed Matter Physic, Material Science	13		
	Associate Professor	MIYATA Yasumitsu	Synthesis of Nanoscale Materials, Electrical and Optical Properties			
Surface and Interface Physics		Professor	YANAGI Kazuhiro	Condensed Matter Physics in Nano Materials, Material Science	14	
Soft Matter Physics		Associate Professor	KURITA Rei	Soft Matter, Phase Transition, Non Equilibrium	15	
Superconducting Material		Associate Professor	MIZUGUCHI Yoshikazu	Condensed Matter Physics, Superconductivity, Functional Materials	16	
Affiliated graduate school						
Research Field		Guest teacher	Affiliation	Research Subject		
Strongly Correlated Electron Theory (Field 7)		KUBO Katsumori	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		
Nano-science Research (Field 13)		KATAURA Hiromichi	AIST	Nanoscience, Material Science, Carbon nanotubes		



◆ Chemistry				
Research Field	Thesis Adviser		Research Subject	Field Number
Coordination Chemistry	Professor	SUGIURA Ken-ichi	Synthetic Chemistry	1
Environmental and Analytical Chemistry	Professor	TAKEGAWA Nobuyuki	Atmospheric Chemistry, Aerosol, Online Particle Analysis	2
	Associate Professor	SATO Soichi	Organic Chemistry, Main Group Chemistry, Material Chemistry	
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	
	Associate Professor	NISHINAGA Tohru	Physical Organic Chemistry, $\pi$ -Conjugated Molecules, Organic Semiconductors	
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	Professor	KATO Tadashi*	Physical Chemistry, Molecular Assembly, Amphiphiles	8
	Associate Professor	KOMURA Shigeyuki	Physical Chemistry of Biological and Soft Matter	
Physical Chemistry of Molecular Structure and Reaction	Professor	SHIROMARU Haruo**	Physical Chemistry	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	
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	Supervisor		Research Subjects	Field Number
Biology	Molecular Neuroscience	Assoc. Prof.	ANDO, Kanae	Neuroscience, Cell Biology, Molecular Biology, Aging and Neurodegenerative diseases	1
	Developmental Biology	Assoc. Prof.	FUKUDA, Kimiko	Developmental Biology, Digestive Tract, Molecular Mechanisms	2
	Cellular Biochemistry	Assoc. Prof.	TAKATORI, Naohito	Germ Layer Fates, Polarity, Nuclear Migration	3
	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
	Cellular Genetics	Assoc. Prof.	SAKAI, Takaomi	Neurogenetics, Drosophila, Behaviors	4
	Molecular Genetics	Prof.	KATO, Jun-ichi	Genetics, Molecular Biology, Genome Sciences	5
	Molecular Genetics	Assoc. Prof.	EHIRA, Shigeki	Molecular Biology, Molecular Physiology, Microbial Genomics	5
	Plant Developmental 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
	Evolutionary Genetics	Assoc. Prof.	TAKAHASHI, Aya	Evolutionary Genetics, Molecular Basis of Speciation, Population Genomics	8
	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
Biomedicine and Biotechnology	Animal Ecology	Prof.	HAYASHI, Fumio	Ecology, Behavior, Evolutionary Ecology, and Ecological Developmental Biology of animals	11
	Animal Ecology	Assoc. Prof.	OKADA, Yasukazu		
	Plant Ecology	Prof.	KACHI, Naoki*	Plant Ecology, Conservation Ecology, Theoretical Ecology	12
	Plant Ecology	Prof.	SUZUKI, Jun-Ichirou		
	Systematic Zoology	Assoc. Prof.	EGUCHI, Katsuyuki	Systematics and Biogeography of Invertebrates (mainly Terrestrial Arthropods)	13
	Systematic Zoology	Assoc. Prof.	CRONIN, Adam L.	Behavioral Ecology, Evolutionary Ecology, Collective Behavior of Social Insects and Others	13
	Systematic Botany	Prof.	MURAKAMI, Noriaki	Molecular Systematics and Evolutionary Biology of Plants and Fungi, Pteridology	14
	Systematic Botany	Assoc. Prof.	SUGAWARA, Takashi**	Plant Systematics, Pollination Biology, Reproductive Biology	
	Systematic Botany	Assoc. Prof.	YATABE-KAKUGAWA, Yoko	Phylogenetic Taxonomy of Plants, Evolutionary Biology	
	Molecular Neuroscience	Assoc. Prof.	ANDO, Kanae	Neuroscience, Mechanisms underlying Alzheimer's disease and other tauopathies, Drosophila models of neurodegenerative disease	15
	Developmental Biology	Assoc. Prof.	TAKATORI, Naohito	Asymmetric Cell division, Microtubules, mRNA localization	16
	Cellular Biochemistry	Prof.	KAWAHARA, Hiroyuki	Protein quality control mechanisms related to immunology, oncology, diabetes and neurodegenerations	17
Biomedicine and Biotechnology	Cellular Genetics	Prof.	AIGAKI, Toshiro	Mechanism of anti-aging. Drosophila models of human diseases	18
	Molecular Genetics	Prof.	KATO, Jun-ichi	Bacterial Synthetic Biology, Genome Sciences	19
	Plant Developmental and Physiology	Prof.	OKAMOTO, Takashi	Production of hybrid and polyploid plants by gamete breeding	20
	Stem Cell Modulation 1)	Prof.	HARA, Takahiko	Blood regeneration by using ES/iPS cells and development of anti-cancer/leukemia drugs	21
	Protein and organelle degradation 1)	Assoc. Prof.	MATSUDA, Noriyuki	Elucidate mechanisms underlying mitochondrial quality control to suppress familial forms of Parkinson's disease	22
	Behavioral Genetics and Physiology 1)	Prof.	SAITOE, Minoru	Molecular and cellular mechanism underlying memory and its dysfunction	23
	Molecular Regulation of Aging 2)	Prof.	ISHIGAMI, Akihito	Elucidation of aging mechanism and anti-aging research	24
	Plant Growth Regulation 3)	Assoc. Prof.	SEO, Mitsunori	Plant Hormones, Seed Biology	25
	Photosynthetic Microbial Consortia (Oct. 2015 - March 2021)	Prof. Assoc. Prof. Assoc. Prof.	HANADA, Satoshi THIEL, Vera TANK, Marcus	Taxonomical and ecological research of phototrophic bacteria in hot springs and riverine environments	26

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
15	MIURA, Yuri	Tokyo Metropolitan Institute of Gerontology	Search for diagnostic markers using proteome-based technologies
18	ITO, Yoshihiro	RIKEN, Nano Medical Engineering Laboratory	Design and development of biomaterials for medical applications

## **VI Precautions for Taking the Entrance Examinations**

Department of Mathematical Sciences	-----	26
Department of Physics	-----	27
Department of Chemistry	-----	28
Department of Biological Sciences	-----	29,30

## Important Reminders for Applicants of the Department of Mathematical Sciences

Department of Mathematical Sciences

1. Mathematics I

Answer 4 questions in total, including 2 questions from differential/integral and 2 from linear algebra (matrix, linear mapping, and vector space).

2. Mathematics II

9 basic questions from the following scope. Choose 2 questions to answer.

Scope of questions:

- Field of algebra (standard form of linear transformation, metric vector space, basics of group theory & ring theory)
- Field of geometry (general topology, differential geometry of curved surface/line)
- Field of analysis (vector analysis, differential equations theory, complex functions theory)
- Field of computer science (discrete mathematics, algorithm, and programming)

3. English language

2 questions including English to Japanese translation and English composition (including Japanese to English translation). Answer those 2 questions.

4. Previous examination questions (Mathematics I, Mathematics II) are available on the website of the Department

(URL : <http://www.se.tmu.ac.jp/mis/>)

5. A questionnaire survey is conducted, which is used as reference material for the second-stage examination (oral examination). As the questionnaire sheet is enclosed with the exam admission card, fill out the sheet and bring it with you on the day of the oral examination. It will be collected at the examination venue.

6. Please enter application field number and name of faculty member in the “application field number” column.

(Entry example)

*Application field number	
First choice (1) Hiroo	Second choice (2) Yoyogi

## **Important Reminders for Applicants of the Department of Physics**

Department of Physics

1. The selection of successful applicants is conducted as follows:

- First examination

Examinees receiving high scores in the written examination are selected from each of groups A to D.

- Second examination

An oral examination is conducted for each of groups A to D, and applicants are assessed in a comprehensive manner based on the results of the first and second examinations. Those who receive scores above the passing score are accepted.

Enter the application fields in the “application field number” column of the Application Form as follows:

- First choice: Write down one field number from (1) to (16).
- Second choice Choose at most two from group codes A to D and write them down from the left in the order of preference.

(Note)

Even when the group of the second choice field is the same as that of the first choice field, you must still enter group code A to D in the “second choice application field” column.

2. In the case that the thesis advisor in the field you are applying is due to retire during your enrollment in the Master’s Program, a replacement advisor or any other advisor in the group will take over and be in charge of supervising your research.

3. Important information on the entrance examination for the Department of Physics is available on the following websites. Make sure to check the latest information.

- Entrance examination in general  
<http://www.phys.se.tmu.ac.jp/outside/daigakuin/>
- Previous examination questions  
<http://www.phys.se.tmu.ac.jp/outside/daigakuin/kakomon/>

## Important Reminders for Applicants of the Department of Chemistry

Department of Chemistry

1. Each laboratory has its own quota. Therefore, even if an applicant satisfies the eligibility criteria, he/she may not be admitted to the laboratory of his/her choice. Please contact the thesis advisor of the laboratory of choice for the quota and the number of applicants.
2. In the “application field number” column of the Application Form, enter the field number of your first choice in the “first choice” column. In the “second choice” column, enter the field numbers of the second choice to the fifth choice in the order of preference. Failure to do so would mean rejection of application or failure to be assigned to a laboratory of your second or lower choice.

(Entry example)

*Application field number	
First choice	Second choice
9	5, 12, 7, 4

3. Questions in chemistry are related to four fields, including organic chemistry, biochemistry, inorganic/analytical chemistry, and physical chemistry. How to choose questions is explained on the front page of the question leaflet that is distributed on the day of the examination.

Previous chemistry examination questions are available on the website of the Department (Chemistry course).

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

## **Important Reminders for Applicants of the Department of Biological Sciences**

Department of Biological Sciences

### 1. Assessment of foreign language proficiency

- “Foreign language proficiency” is assessed on the basis of TOEFL (TOEFL-iBT), TOEIC, or IELTS (Academic Module) test score. As for how to submit the score, refer to the “application procedure.”
- Each score is converted into a scale of zero to 200 points for assessment.

TOEFL:  $\text{TOEFL score} / 80 \times 200$ , where the score of 80 points or more is taken as 200 points.

TOEIC:  $\text{TOEIC score} / 800 \times 200$ , where the score of 800 points or more is taken as 200 points.

IELTS: The score is converted according to the table below. The score of 6.0 or more is taken as 200 points.

IELTS	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
Points	50	60	70	80	100	110	125	150	180	200

2. In the “application field number” column of the Application Form, enter the field number of your first choice in the “first choice” column. In the “second choice” column, enter the field numbers of the second and third choices in the order of preference.

(Entry example)	*Application field number	
	First choice 1	Second choice 15, 2

3. As each field has a quota, an applicant may not be admitted to the field of his/her choice even if he/she passes the entrance examination. In the case where an applicant satisfies the acceptance criteria but the quota for the fields of his/her first and second choices has been filled by applicants with far more superior results, he/she is accepted under the status of “Field Undecided.”

Taking the above into consideration, carefully decide the fields of the first and second choices. It is recommended that you contact the faculty member of the fields of your first and second choices prior to application and obtain details of the research and the number of laboratory members in the field.

4. The field for a “Field Undecided” successful applicant is decided on the basis of consultations after enrollment. The “Field Undecided” successful applicant may be admitted to the field of his/her choice if there is any admission cancellation.

5. An applicant who has been accepted in the second choice field can still become a “Field Undecided” successful applicant by waiving his/her admission to the second choice field after the registration period.
6. Details of the available fields, the waiver application for admission to the second choice field, and the decision of field for the “Field Undecided” successful applicant shall be released after the registration period.
7. When you wish to be admitted to a research field of a guest teacher, enter both the field number and name of the guest teacher in the “application field number” column of the Application Form.

(Entry example)

*Application field number	
First choice (1) Miura	Second choice 15, 1

8. Previous examination questions are available on the Department’s website.  
<http://www.biol.se.tmu.ac.jp/>



首都大学東京大学院理学研究科（博士前期課程）入学願書  
Tokyo Metropolitan University Graduate School of Science (Master's Course) Application Form

志望専攻 Desired Specialization	※志望分野番号 Field number		受験番号 Examination No.	
	第一志望 first choice	第二志望 second choice		
氏 名 Full Name	ふりがな		性 別 Sex	男・女 Male / Female
	西暦 年 月 日 生 Date of Birth; (YYYY) (MM) (DD)		年 齢 Age	才
※出身校 Alma mater	国立 National 大学 University 公立 Public 学部 Division 私立 Private 西暦 年 月 日 卒業 (YYYY) (MM) (DD) completed			
現住所 Current Address	〒 TEL ( )			
連絡先 Contact	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. — —			

裏面も記入すること

キリトリ不可

2018年度10月入学  
入学志願者写真票  
Tokyo Metropolitan  
University / Science  
/Master's Course  
Photo Card

受験番号 Examination No.
写 真 ATTACH PHOTO HERE 1. 最近3ヶ月以内に撮影したもの 2. 縦 4cm × 横 3cm 1. Photo taken within the past three months 2. Height 4cm x Width 3cm
ふ り が な 氏 名 Full Name

※16頁以降の研究分野①②・・・の分野番号を記入する。ただし、物理学専攻は、第一志望分野欄には分野番号を、第二志望分野欄にはA～Dのグループ記号を記入する。化学専攻は、第一志望分野欄には第一志望の分野番号を、第二志望分野欄には第二志望から第五志望までの分野番号を最大4つ、志望順に左から記入する。生命科学専攻は、第一志望分野欄には第一志望の分野番号を、第二志望分野欄には第二志望と第三志望の分野番号を記入する。  
※出身校の欄では、学部で専攻したコース名などを○で囲み明記する。(例: 物理学専攻、環境科学コースなど)  
◎受験番号欄以外は全て記入してください。

キリトリ不可

2018年度10月入学  
首都大学東京大学院  
理学研究科  
(博士前期課程)  
Tokyo Metropolitan University Graduate  
School of Science (Master's Course)  
2018  
受 験 票  
Examination Admission Card

受験番号 Examination No.	
ふりがな	
氏 名 Full Name	

(裏面に注意のこと)

2018年度10月入学  
入学志願者机上票  
Tokyo Metropolitan University  
Graduate School of Science  
(Master's Course)  
2018 Desk card

受験番号 Examination No.
ふ り が な 氏名 Full Name

履 歴 書 Resume						
氏 名 Full Name		西暦 年 月 日生 Date of Birth: (YYYY) (MM) (DD)				
学 歴 Educational History	年 year	月 month	高等学校卒業 High school graduation			
職 歴 Employment History	職					
賞 罰 Rewards and Punishments						
Scholarship of JASSO history 日 支 前 本 援 学 学 機 生 関 関 生 構 係	種 別 Type	貸与学校名 Name of school	奨学生番号 scholarship number	貸 与 期 間 Term	月 額 Monthly fee	
	一種、二種 Type 1, Type 2				円	
	一種、二種 Type 1, Type 3				円	

学歴(高校卒から現在まで),職歴について記入のこと。  
Please write your educational and employment history after graduation from high school.

- 1 この受験票は, 学力試験の際, 必ず携行呈示すること。忘れると受験できない。
- 2 合格通知書および入学手続用紙受領の際には, この受験票を提出しなければならない。
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.

振込用紙による支払の方のみ

# 入学考査料振込確認票

Certificate for a Fee Payment by using Payment Slip

出願者氏名 Name	
---------------	--

振込証明書(A票)  
貼付欄  
Certificate for a Fee Payment

(受験票と一緒にお返しします。)

To be returned with your examination admission card.

入学考査料(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.

入学考査料振込後、「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します。)

To be returned with your examination admission card.

**出願資格（３）または（４）による志願者調査票**  
APPLICATION FORM FOR THE APPLICANTS QUALIFIED BY NUMBER 3 OR 4

1 Name in full in native language \_\_\_\_\_  
(姓名 (自国語)) (Family name) (First name) (Middle name)

In Roman block capitals \_\_\_\_\_  
(ローマ字) (Family name) (First name) (Middle name)

2 Nationality \_\_\_\_\_  
(国 籍)

3 Educational background (学歴)

	Name and Address of School (学校名及び所在地)	Year and Month of Entrance and Graduation (入学及び 卒業年月)	Amount of time spent at the School (修学年数)	Diploma or Degree awarded, Major Subject (学位・資格, 専攻科目)
Elementary Education (初等教育)  Elementary School (小学校)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	Years (年)  and Months (月)	
Secondary Education (中等教育)  Lower Secondary School (中学)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	Years (年)  and Months (月)	
Upper Secondary School (高校)	Name (学校名)  Location (所在地)	From (入学)  To (卒業)	Years (年)  and Months (月)	

〔博士前期課程 10月入学〕  
Master's Course  
Enrollment of October

Higher Education (高等教育)	Name (学校名)	From (入学)	Years (年)
Undergraduate Level (大学)	Location (所在地)	To (卒業)	and Months (月)

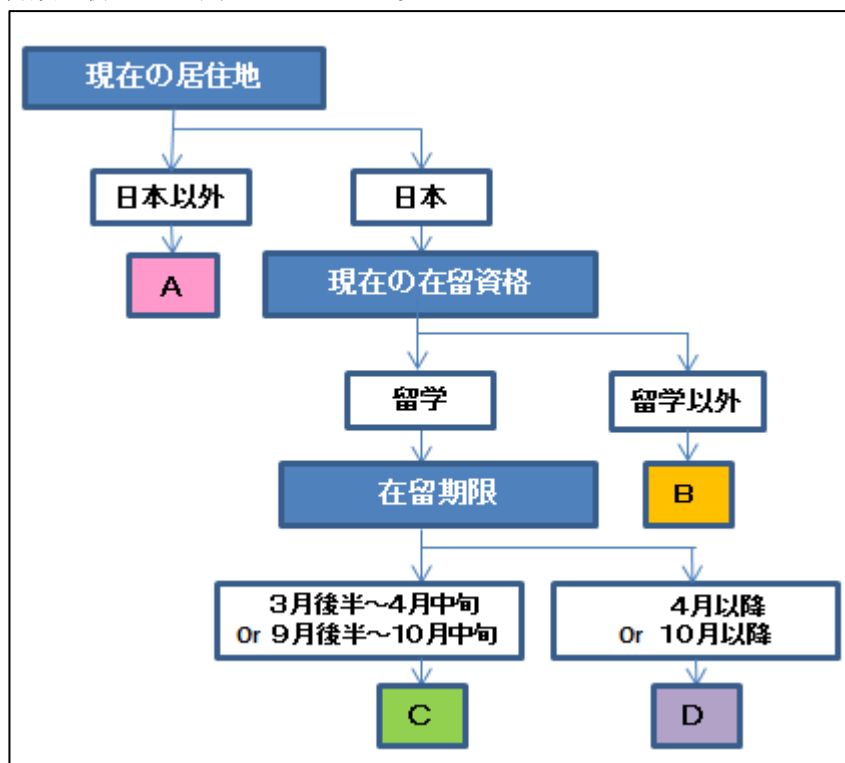
Total years of schooling given above (以上を通算した全学校教育修学年数) as of October 1, 2018 (2018年10月1日現在)	Years (年)
---	--------------

\* If the blank spaces above are not sufficient for the information required, please attach a separate sheet.  
 ((注) 上欄に書ききれない場合には、適当な別紙に記入して添付すること。)

\*If you have any comments or special instructions, please write them in the space below.  
 その他特記事項があれば下記に記入すること。

## 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、首都大学東京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に来てください。  
**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、首都大学東京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）			
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)

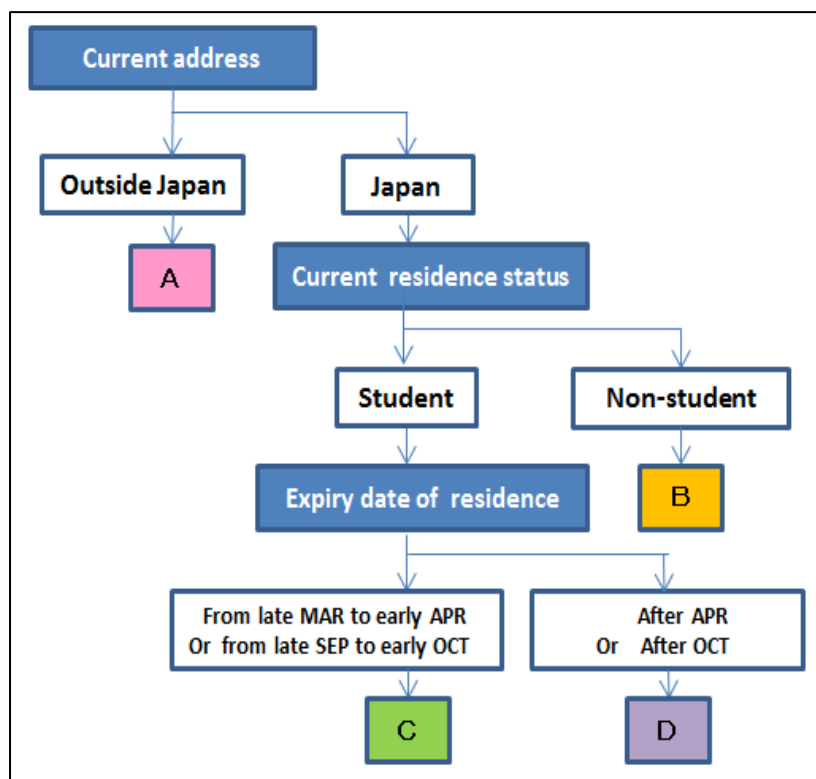
(電話番号) 042 - 677 - 2030 (直通)

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			
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's 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.	
<p>* 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.</p>		

(3) Applying for Special Increased Scholarship at School Entry

Circle	Item
	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/english/>



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.

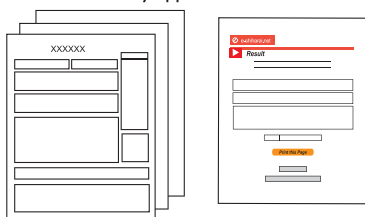
Please click the "Application Results" button in the upper  
part of this site (e-shiharai.net).

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

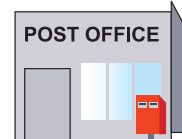
Please print out the "Payment Inquiry - Inquiry result" page.

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 : +81-3-3267-6663 (24 hours everyday)**

Application

英語による筆記試験問題受験希望の申し出  
Request for the Written examinations given in English

申出日 年 月 日  
Date (YYYY) (MM) (DD)

志望する専攻 Desired Specialization	Department of
入学希望日 Desired date of entrance	年 月 日 (YYYY) (MM) (DD)
希望指導教員 Desired Supervisor	
氏名 Full Name	
Eメール e-mail	
国籍 Nationality	