

Academic Year 2026

Graduate Program Course Guide

Graduate School of Science |
Tokyo Metropolitan University

2026 Academic Calendar

First Semester	<ul style="list-style-type: none"> • Entrance ceremony • Graduate School of Science Orientation • Periodic health examination • First and First I semesters begin • First semester registration period (online) • Registration confirmation due (online) • Last week of the First I semester courses • First II semester begins • Doctoral degree application due (September completion) • Annual competition with Osaka Metropolitan University • Master’s degree application due (September completion) • Last week of the First semester courses • Substitute final-exam days • Final exams of the First semester courses and the last week of the First II semester courses • Summer recess 	<p>April 5 (Sun) April 7 (Tue) April 2 (Thu) – April 3 (Fri), April 7 (Tue) – April 9(Thu) April 8 (Wed) April 15 (Wed) - April 22 (Wed) April 24 (Fri) at 5:00 p.m. May 28 (Thu) - May 29 (Fri), June 8 (Mon) - June 10 (Wed) June 4 (Thu) - June 5 (Fri), June 15 (Mon) - June 17 (Wed) June 10 (Wed) (Scheduled) Schedule being adjusted (to be held on the weekend) July 10 (Fri) (Scheduled) July 16 (Thu) - July 17 (Fri), July 27 (Mon) - July 29 (Wed) July 23 (Thu) – July 24 (Fri) July 30 (Thu) – July 31 (Fri), August 3 (Mon) – August 5 (Wed) August 13 (Thu) - September 30 (Wed)</p>
Second Semester	<ul style="list-style-type: none"> • Second and Second I semesters begin • Second semester registration period (online) • University festival • Last week of the Second I semester • Second II semester begins • Doctoral degree application due (March completion) • Winter recess • Second and Second II semesters resume • Master’s degree application due (March completion) • Common Test for University Admissions • Last week of the Second semester courses • Substitute final-exam days • Final exams of the Second semester courses and the last week of the Second II courses • Spring recess • Graduation and degree conferment ceremonies 	<p>October 1 (Thu) To be announced on kibaco October 31 (Sat) – November 4 (Wed) (Preparation and cleanup included) November 19 (Thu) - 20 (Fri), December 1 (Tue) - December 2 (Wed), December 7 (Mon) November 26 (Thu) - November 27 (Fri), December 8 (Tue)- December 9 (Wed), December 14 (Mon) December 10 (Thu) (Scheduled) December 29 (Tue) - January 3 (Sun) January 4 (Mon) January 8 (Fri) (Scheduled) January 15 (Fri) - January 17 (Sun) (Preparation included) January 21 (Thu), January 26 (Tue) - January 27 (Wed), January 29 (Fri), February 1 (Mon) January 28 (Thu) February 2 (Tue) - February 5 (Fri), February 8 (Mon) February 15 (Mon) - March 31 (Wed) March 22 (Mon)</p>

For notifications and information regarding course registration, degree applications, and intensive courses, please check kibaco regularly.

Table of Contents

Organization of the Graduate School and Basic Rules of the Courses	2
Research Guidance Plan	
Master's program (March completion)	9
Master's program (September completion)	13
Doctoral program (March completion)	17
Doctoral program (September completion)	24
Notes on Course Registration	
General Courses for All Majors	31
Mathematical Sciences	32
Physics	33
Chemistry	34
Biological Sciences	36
General Courses for All Graduate Programs (Graduate School Career Courses) ..	38
Graduate School of Science List of Course Instructors	39
Graduate School Rules of Tokyo Metropolitan University (Excerpts)	41
Tokyo Metropolitan University Degree Rules (Excerpts)	50

Organization of the Graduate School and Basic Rules of the Courses (Graduate School of Science | Tokyo Metropolitan University)

1. Objectives and program structure of the graduate school

The Graduate School of Tokyo Metropolitan University aims to provide education and conduct research in specialized academic fields with a broad perspective, pursuing the theoretical and applied aspects of such fields to the highest level. It also seeks to cultivate profound knowledge and outstanding abilities necessary for careers that require advanced specialization, thereby enhancing the quality of life and cultural development of Tokyo's citizens.

The graduate program is divided into two sections: the first two years (hereinafter referred to as the "master's program") and the next three years (hereinafter the "doctoral program"). The first part of the graduate program is considered to be the master's program.

The master's program aims to enable students to gain deep knowledge from a broad perspective and to develop advanced skills necessary for research in their field of specialization or for professions requiring a high degree of expertise.

The doctoral program aims to enable students to acquire advanced research skills and profound academic knowledge that serve as the foundation for conducting independent research as researchers or for engaging in other highly specialized work in their field of expertise.

2. Educational and research objectives of the graduate program

The master's program of the Graduate School of Science aims to enable students to gain a wide range of knowledge, concepts, and methods in natural science, as well as to develop research skills and flexible problem-solving and presentation skills. It also aims to train students to become researchers, educators, and engineers with an international perspective, creativity, and applicable skills.

The doctoral program of the Graduate School of Science aims to enable students to gain advanced knowledge, concepts, and methods in natural science, as well as to develop independent research skills and the ability to explore and discover mid- to long-term projects and issues. It also aims to train students to become researchers, educators, and engineers with international leadership, exceptional creativity, and strong applicable skills.

3. Structure of the graduate school

The Graduate School of Science consists of the following majors:

Master's program	Mathematical Sciences	Doctoral program	Mathematical Sciences
	Physics		Physics
	Chemistry		Chemistry
	Biological Sciences		Biological Sciences

4. Educational and research objectives of the Graduate School of Science

Mathematical Sciences

The Department of Mathematical Sciences aims to develop competent individuals with advanced knowledge of mathematics and applied mathematics, as well as flexible and original mathematical and scientific thinking skills. It also aims to develop those who can solve various issues in natural science and modern information society while being aware of the importance of mathematical science as a foundation of science.

Upon completing the master's program, students will acquire:

- (1) Advanced technical knowledge in mathematical sciences and flexible mathematical thinking skills.
- (2) The ability to initiate projects and conduct research in a systematic manner, independently or under the guidance of the graduate advisor.
- (3) The ability to clearly present the research findings and the ability to discuss with other researchers.

Upon completing the doctoral program, students will acquire:

- (1) Advanced technical knowledge in mathematical sciences and flexible and original mathematical thinking skills.
- (2) The ability to conduct original research activities as independent researchers with an international perspective.
- (3) The ability to objectively evaluate the significance of their own research and its position in society.

Physics

The Department of Physics aims to develop individuals with advanced knowledge and research skills in physics that encompass the natural world extensively, including elementary particles, substances with various structures, and the universe. It also aims to develop competent individuals who can lead the next generation of advanced science and solve various social and environmental issues through scientific approaches.

The master's program aims to develop researchers, professional engineers, and educators specializing in physics as a foundation for science and technology, who possess basic knowledge of physics, a global perspective, and the ability to collaborate with other natural science fields. To achieve these objectives, students will acquire:

- (1) The basic knowledge necessary for conducting research in physics, logical thinking skills, and practical research methods.
- (2) The ability to initiate research projects in each field of physics, to solve problems, to conduct research individually or under the graduate advisor's guidance, to write logically structured papers, and to present the research findings.
- (3) The ability to discuss with other researchers and present research findings from a broad perspective.

The doctoral program aims to develop independent researchers and research supervisors who possess broad insight into fundamental and applied physics, are mindful of the social responsibilities of research, and are capable of conducting leading research activities in the global arena. To achieve these objectives, students will acquire:

- (1) The extensive knowledge, logical thinking skills, and practical research methods necessary to identify advanced and important research projects in physics.
- (2) The ability to initiate unique research projects in each field of physics, to plan and conduct research, to present adequate research findings, and to write and publish original papers in international journals.
- (3) The ability to conduct research projects as independent researchers, to engage in international research discussions, to widely present the findings and significance of the research, and to associate the research projects with society.

Chemistry

Chemistry is the fundamental field of the natural sciences that seeks to understand nature at the atomic and molecular levels and explore the properties and changes of matter. In recent years, it has been increasingly integrated with other fields of natural science, extending its scope beyond the development of electronic device materials to a wide range of areas, including space science, life sciences, and environmental issues. The Department of Chemistry aims to foster researchers, engineers, and educators in chemistry with extensive knowledge and understanding of the field, high-level expertise, and the ability to make broad and integrative judgments that extend beyond their specialized areas.

The master's program aims to equip students with a broad basic knowledge of chemistry and to foster the ability to independently initiate research projects, organize their findings into papers, and present them at academic conferences. Students will also develop the ability to perceive issues from a broad perspective and acquire the basic skills for conducting research and providing guidance on technological and educational issues in their specialized fields. Through this program, students will acquire:

- (1) The basic knowledge necessary for conducting research in chemistry, logical thinking skills, and practical research methods.
- (2) The ability to initiate research projects in each field of chemistry, to solve problems, to conduct research independently or under the graduate advisor's guidance, and to write logically organized papers and present research findings.

(3) The ability to discuss with other researchers and to present research findings from a broad perspective.

The doctoral program aims to develop students who can independently identify research topics from a broad perspective, proactively advance their research projects, and present their findings in papers that meet the standards for presentation at international conferences. It also develops individuals who can conduct research and provide guidance on technological and educational issues with a broad perspective, and who can play active roles in international settings. The students will acquire:

- (1) The extensive knowledge, logical thinking skills, and practical research methods necessary to identify advanced and important research projects in chemistry.
- (2) The ability to initiate original research projects in each field of chemistry, to plan and conduct research, to present adequate research findings, and to write and publish original papers in international journals.
- (3) The ability to conduct research projects as an independent researcher, to engage in international research discussions, to widely present the findings and significance of the research, and to associate the research projects with society.

Biological Sciences

The Department of Biological Sciences aims to cultivate students with creative research skills who proactively engage in new projects through the biological sciences.

The master's program aims to equip students with fundamental abilities to independently define and pursue objectives, methods, and questions to understand the basic mechanisms of organismal growth, as well as higher-order structures, behaviors, and ecological systems. The program also fosters students to become researchers, educators, and developers with global perspectives and communication skills, enabling them to play active roles proactively both in Japan and in the international arena.

The doctoral program aims to equip students with fundamental and applied skills to independently define and pursue objectives, methods, and questions to understand basic organismal growth, as well as higher-order structures, behaviors, and ecological systems. The program also fosters students to become researchers, educators, and developers with global perspectives and communication skills, enabling them to take initiative and play active roles proactively both in Japan and in the international arena.

5. Certification of the program completion

Master's program	<p>To complete the master's program, students must complete a two-year enrollment period, attend regular classes, earn 30 or more required credits in the master's program, submit a master's thesis, and pass the final examination. In this case, if the graduate advisor considers it academically beneficial, up to 10 of the required 30 credits may be earned by taking the following courses, as prescribed by the Graduate School:</p> <ul style="list-style-type: none">- Non-major courses offered within the Graduate School of Science- Major courses offered in graduate programs outside the Graduate School of Science- Undergraduate courses <p>(Collectively referred to as "non-major courses that can fulfill the major's requirements.")</p> <p>As for the enrollment period for students recognized as having achieved excellent research results, enrollment in the master's program for one year or more shall satisfy the completion requirement. (referred to as "completion with a shortened enrollment period").</p>
Doctoral program	<p>To complete the doctoral program, students must complete a three-year enrollment period, attend regular classes, earn 20 or more required credits in the doctoral program, submit a doctoral dissertation, and pass the final examination.</p> <p>As for the enrollment period for students recognized as having achieved exceptional research results, enrollment in the doctoral program for one year or more shall satisfy the completion requirement. However, for those who have completed the master's program with one year of enrollment, two years of enrollment in the doctoral program are required to satisfy the completion requirement. (referred to as "completion with a</p>

shortened enrollment period").

6. Standard period of study and enrollment period

The standard period of study for the master's program shall be two years, and the standard period of study for the doctoral program shall be three years.

The enrollment period in the master's program shall not exceed four years, and the enrollment period in the doctoral program shall not exceed six years. However, when exceptionally approved by the Graduate Faculty Council under particular circumstances, a student may be permitted to remain enrolled beyond the standard period of study.

7. The long-term enrollment system

A student who intends to extend their enrollment period beyond the standard period of study stated in Section 6, "Standard period of study and enrollment period," due to specific circumstances (such as employment, childbirth, childcare, or nursing care), may apply for long-term enrollment for review by the Graduate Faculty Council. The period for long-term enrollment is either three or four years for the master's program and four, five, or six years for the doctoral program from the first day of enrollment. In this case, tuition fees will be calculated by dividing the total tuition fees for the standard period of study by the number of admitted years for the long-term enrollment. The application for enrolled students will be accepted during the first year of the master's program and during the first and second year of the doctoral program. The details regarding the application period, qualifications, and application forms will be announced separately.

8. Degrees

To complete the master's or doctoral program and obtain the respective degree, students must earn the required credits for accredited courses as described in Section 5 above and pass both the thesis/dissertation examination and the final examination.

9. Credit recognition and academic evaluation

Credit for courses shall be granted at the end of each semester or academic year based on an absolute evaluation of written or oral examinations or research reports. These assessments are scored in accordance with the standards for each course as stated in the "Course Outline (Syllabus)". As a general rule, academic achievement is graded on a five-point scale, with the top four grades considered passing.

Grade	Transcript	Credit	Assessment standard of academic achievement	100-point grading scale (approx.)	
5	Outstanding	S	○	Goal attainment has been satisfactorily achieved and is outstanding.	90 points or above
4	Excellent	A	○	Goal attainment has been satisfactorily achieved.	80 - 89 points
3	Good	B	○	Goal attainment has been achieved.	70 - 79 points
2	Satisfactory	C	○	Minimal goal attainment has been achieved.	60 - 69 points
1	(Hidden)	×		Goal attainment has not been achieved.	59 points or less
0	(Hidden)	×		Not subject to assessment	

10. Course enrollment

- (1) After admission to the Graduate School, each student shall be assigned a professor (hereinafter referred to as a "graduate/doctoral advisor") who will provide guidance to the student.
- (2) At the beginning of each academic year, students shall apply to attend courses for the academic year according to the instructions, and need to be admitted to the course enrollment.
- (3) Students shall receive guidance from their respective graduate/doctoral advisors on course selection, thesis or dissertation preparation, and research activities.

- (4) When the graduate/doctoral advisor deems it necessary, the student may take specified courses. In such cases, if the student takes non-major courses within the same graduate program, major courses from other graduate programs, or undergraduate courses, only those courses recognized as “non-major courses that can fulfill the major's requirements” will be counted toward the required credits for course completion. (These are referred to as “related courses.”)

The approval of the Graduate Faculty Council or the Graduate Academic Affairs Committee is required in the following two cases:

- (1) When a student takes "non-major courses that can fulfill the major's requirements."
- (2) When a student becomes a credited auditor to take undergraduate courses required for teacher certification or curator qualification.

The procedures and schedule for course registration for the 2026 academic year are as follows:

- In general, students register for courses via CAMPUSSQUARE at (<https://jjh.tmu.ac.jp/>).
- Select courses with five-digit course numbers starting with "R".
- “Non-major courses” should not be registered for unless otherwise approved by the Graduate Faculty Council or the Graduate Academic Affairs Committee.

The course registration schedules are as follows:

- Courses offered throughout the year, and regular and intensive courses in the first semester
Registration period: April 15 - April 22, 2026
Registration confirmation/change deadline: April 24, 2026, at 5:00 p.m.
- The registration schedule for regular and intensive courses offered in the second semester will be posted on kibaco when it is determined.
- Details of intensive courses that start in the middle of the academic year will be announced on kibaco. Students must register for these courses by the designated deadline (in principle, one week before the first day of the class session).

11. Handling of classes in the event of suspension of public transportation

In the event that public transportation services are suspended due to snow, storm or flood damage, accidents, strikes, or similar circumstances, the handling of classes will follow the guidelines provided on the website of the Academic Affairs Section, Academic Affairs Division (<https://kyomu.jim.tmu.ac.jp/news/32.html>). If classes are cancelled as a result of such service suspensions, announcements will be posted on the University's official X account (https://twitter.com/TMU_PR) and official website (<https://www.tmu.ac.jp/>). Students are required to check these sources for the latest updates.

12. Questions about grades

For questions about course grades in the Graduate School of Science, students shall notify the Academic Affairs Section of Science at the window within 7 days of the date of grade disclosure (including Saturday, Sunday, and public holidays), complete the prescribed form, and submit it to the Academic Affairs Section of Science.

13. Academic leave of absence, return to school, withdrawal, and removal

Leave of absence

- (1) When a student is unable to attend courses for six months or more due to illness or other reasons, the student may apply for a leave of absence to the President.
- (2) An application for a medical leave of absence must be accompanied by a medical certificate issued by a physician.
- (3) The period of leave of absence may not exceed one year. However, in exceptional circumstances, an extension of the leave of absence may be granted for up to one year.
- (4) The period of leave of absence may not exceed three years in total for each program.

- (5) The period of leave of absence is not counted toward the required years of the standard period of study.
- (6) The period of leave of absence is not counted toward the enrollment period.
- (7) Students on a leave of absence are required to repeat the year, in principle. However, they may advance to the next year if the following requirements are met.

Academic year	1st year	2nd year *
Enrollment period	12 months or more	24 months or more

* Applicable to the doctoral program only.

Return to school

When the leave of absence period has expired or the reason for the leave no longer applies during the leave period, a student may apply to the President for permission to return to school.

Withdrawal

- (1) A student who wishes to withdraw from school must apply to the President and obtain approval.
- (2) If a student exceeds the maximum period of enrollment or is unable to return to school after the permitted leave of absence period has ended, the President shall order the student's withdrawal following deliberation by the Faculty Council.

Expulsion

If a student fails to pay tuition even after a reminder, the President shall expel the student from school upon the decision of the Faculty Council.

Payment of tuition

- (1) Tuition fees during the leave of absence will be waived. However, if a student takes a leave of absence or returns to school in the middle of the first or second semester, the student must pay the full semester's tuition.
- (2) If a student is permitted or ordered to withdraw, or is expelled from school, the student must pay the tuition for the entire semester.

Others

In general, applications for a leave of absence, return to school, or withdrawal must be submitted to the Academic Affairs Section of Science no later than one month before the intended date of leave, return to school, or withdrawal.

14. Research guidance at other graduate schools or research institutes

If the President deems it academically beneficial for a student to receive research guidance at another graduate school or research institute, the President may grant permission for such study, based on an agreement or consultation with the host graduate school or institution, following deliberation by the relevant Graduate Faculty Council. (For detailed information, consult your graduate/doctoral advisor or the Academic Affairs Section of Science.)

15. Courses for the advanced teacher certification

In principle, students must complete at least 24 credits from their major-specific courses (excluding General courses for all majors). Each department has different requirements for courses that may be counted toward these 24 credits. Therefore, students who intend to obtain an advanced teacher certification must refer to the course list designated by the University (classified by year of admission and department), available through the "Timetable and Syllabus" link on kibaco. Note that courses classified as "non-major courses that can fulfill the major's requirements" and "related courses" shall not be included in the above credit requirement.

16. General courses for all graduate programs (Graduate school career courses)

The University Education Center offers these courses to support the career development of graduate students, and they are available to all graduate students (master's and doctoral programs).

However, credits earned from these courses cannot be counted as required credits for program completion. For detailed course descriptions of the General courses for all graduate programs, refer to the website of the Career Support Division (https://career.tmu.ac.jp/for_doctoral/rieki_doctorcareer.html) and the Course syllabus.

17. Approval of previously earned credits

Students who have completed or withdrawn from another graduate school, or who have earned credits as a credited auditor, and who are newly admitted to the first year of the Graduate School of Science after passing the entrance examination, may be granted up to 15 credits in total if the credits they have previously earned are educationally beneficial and their academic ability is considered adequate.

Students who wish to receive credits from the University for coursework completed at another institution must apply to the Academic Affairs Section of Science and submit the necessary documents within one month of enrollment.

Research Guidance Plan (Academic year 2026)

1. Master's program (March completion)

(1) Mathematical Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> Determination of the graduate advisor Course registration
April - September	<ul style="list-style-type: none"> Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once a week) Research progress report to the advisor (Frequency: Once every two weeks) Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
September	<ul style="list-style-type: none"> Presentation of the master's thesis research plan
October	<ul style="list-style-type: none"> Course registration
October - March	<ul style="list-style-type: none"> Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once a week) Research progress report to the advisor (Frequency: Once every two weeks) Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> Course registration
April - September	<ul style="list-style-type: none"> Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once a week) Research progress report to the advisor (Frequency: Once every two weeks) Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
September	<ul style="list-style-type: none"> Master's thesis interim presentation
October	<ul style="list-style-type: none"> Course registration
October - January	<ul style="list-style-type: none"> Research progress report to the advisor (Frequency: Once every two weeks) Guidance on a master's thesis writing (Frequency: Once a week)
January	<ul style="list-style-type: none"> Master's degree application
February	<ul style="list-style-type: none"> Final examination
March	<ul style="list-style-type: none"> Deliberation at the Graduate Faculty Committee Degree conferment

(2) Physics

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Determination of the graduate advisor• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
October	<ul style="list-style-type: none">• Course registration
October - January	<ul style="list-style-type: none">• Research progress report to the advisor (Frequency: Once every two weeks)• Guidance on a master's thesis writing (Frequency: Once a week)
January	<ul style="list-style-type: none">• Master's degree application, master's thesis submission• Master's thesis presentation
February	<ul style="list-style-type: none">• Summary of research theme
March	<ul style="list-style-type: none">• Deliberation at the Graduate Faculty Committee• Degree conferment

(3) Chemistry

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Determination of the graduate advisor• Course registration• Checking the research content and plan with the advisor
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first-semester courses
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester courses

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first semester courses
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
January	<ul style="list-style-type: none">• Appointment of the sub-examiners by the advisor (chief examiner)• Master's degree application
February	<ul style="list-style-type: none">• Master's thesis review by the chief and sub-examiners• Master's thesis oral presentation
March	<ul style="list-style-type: none">• Deliberation at the Graduate Faculty Committee• Degree conferment

(4) Biological Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Participation in the Orientation guidance • Determination of the graduate advisor • Course registration
April - May	<ul style="list-style-type: none"> • Guidance on deciding on a research theme (Frequency: Once a week) • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
June - September	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
June	<ul style="list-style-type: none"> • Determination of the sub-graduate advisor
September	<ul style="list-style-type: none"> • Preparation of the Research plan report, discussion with graduate and sub-graduate advisors, submission of the Research plan report
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Course registration
May	<ul style="list-style-type: none"> • Preparation of the Research plan report, discussion with graduate and sub-graduate advisors, submission of the Research plan report
April - September	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
October	<ul style="list-style-type: none"> • Course registration
October - January	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
January	<ul style="list-style-type: none"> • Master's degree application • Thesis presentation (disclosed)
February	<ul style="list-style-type: none"> • Final examination
March	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

2. Master's program (September completion)

(1) Mathematical Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Determination of the graduate advisor • Course registration
October - March	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
March	<ul style="list-style-type: none"> • Presentation of the Master's thesis research plan
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
March	<ul style="list-style-type: none"> • Master's thesis interim presentation
April	<ul style="list-style-type: none"> • Course registration
April - July	<ul style="list-style-type: none"> • Research progress report to the advisor (Frequency: Once every two weeks) • Guidance on a master's thesis writing (Frequency: Once a week)
July	<ul style="list-style-type: none"> • Master's degree application
August	<ul style="list-style-type: none"> • Final examination
September	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

(2) Physics

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Determination of the graduate advisor• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
April	<ul style="list-style-type: none">• Course registration
April - July	<ul style="list-style-type: none">• Research progress report to the advisor (Frequency: Once every two weeks)• Guidance on a master's thesis writing (Frequency: Once a week)
July	<ul style="list-style-type: none">• Master's degree application, master's thesis submission• Master's thesis presentation
August	<ul style="list-style-type: none">• Summary of research theme
September	<ul style="list-style-type: none">• Deliberation at the Graduate Faculty Committee• Degree conferment

(3) Chemistry

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Determination of the graduate advisor• Course registration• Checking the research content and plan with the graduate advisor
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester (fall semester) courses
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first-semester (spring semester) courses

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester (fall semester) courses
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
July	<ul style="list-style-type: none">• Appointment of the sub-examiners by the advisor (chief examiner)• Master's degree application
August	<ul style="list-style-type: none">• Master's thesis review by the chief and sub-examiners• Master's thesis oral presentation
September	<ul style="list-style-type: none">• Deliberation at the Graduate Faculty Committee• Degree conferment

(4) Biological Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Participation in the Orientation guidance • Determination of the graduate advisor • Course registration
October - November	<ul style="list-style-type: none"> • Guidance on deciding on a research theme (Frequency: Once a week) • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
December - March	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
December	<ul style="list-style-type: none"> • Determination of the sub-graduate advisor
March	<ul style="list-style-type: none"> • Preparation of the Research plan report, discussion with graduate and sub-graduate advisors, submission of the Research plan report
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Course registration
November	<ul style="list-style-type: none"> • Preparation of the Research plan report, discussion with graduate and sub-graduate advisors, submission of the Research plan report
October - March	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
April	<ul style="list-style-type: none"> • Course registration
April - July	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once a week) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
July	<ul style="list-style-type: none"> • Master's degree application • Thesis presentation (disclosed)
August	<ul style="list-style-type: none"> • Final examination
September	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

3. Doctoral program (March completion)

(1) Mathematical Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Determination of the doctoral advisor • Course registration
April - September	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months) • Guidance on academic paper submission and academic conference presentation (as necessary)
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months) • Guidance on academic paper submission and academic conference presentation (as necessary)

Third-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Research progress report to the advisor (Frequency: Once every two weeks) • Guidance on preparing doctoral dissertation writing (Frequency: Once a month) • Guidance on academic paper submission and academic conference presentation (as necessary)
September	<ul style="list-style-type: none"> • Doctoral dissertation interim presentation • Application for the Preliminary dissertation review
October	<ul style="list-style-type: none"> • Course registration
October - November	<ul style="list-style-type: none"> • Guidance on doctoral dissertation writing (Frequency: Once a week)
November	<ul style="list-style-type: none"> • Preliminary dissertation review
December	<ul style="list-style-type: none"> • Doctoral degree application
January	<ul style="list-style-type: none"> • Final examination (Doctoral dissertation public defense)
March	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

(2) Physics

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Determination of the doctoral advisor• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Third-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
October	<ul style="list-style-type: none"> • Course registration
October - December	<ul style="list-style-type: none"> • Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
December	<ul style="list-style-type: none"> • Preliminary dissertation review • Doctoral degree application, doctoral dissertation submission
January	<ul style="list-style-type: none"> • Preparation for the Doctoral dissertation public defense
February	<ul style="list-style-type: none"> • Doctoral dissertation public defense, final examination
March	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

(3) Chemistry

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Determination of the doctoral advisor• Course registration• Checking the research content and plan with the advisor
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first-semester courses
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester courses

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first-semester courses
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester courses

Third-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
June - July	<ul style="list-style-type: none">• Interim presentation of the doctoral dissertation to all faculty members in the Department
September	<ul style="list-style-type: none">• Grade assessment of the first-semester courses
October	<ul style="list-style-type: none">• Course registration
December	<ul style="list-style-type: none">• Doctoral degree application
December - January	<ul style="list-style-type: none">• Appointment of the sub-examiners by the advisor, Preliminary dissertation review
January	<ul style="list-style-type: none">• Doctoral dissertation public defense, review by the faculty members in the Department
March	<ul style="list-style-type: none">• Deliberation at the Graduate Faculty Committee• Degree conferment

(4) Biological Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Participation in the Orientation guidance• Determination of the doctoral advisor• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)

Third-year

Time	Instructional content and methods, administrative procedures, etc.
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
October	<ul style="list-style-type: none"> • Course registration
October - November	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
November	<ul style="list-style-type: none"> • Doctoral dissertation presentation (disclosed) • Doctoral dissertation examination committee
December	<ul style="list-style-type: none"> • Doctoral degree application
July - February	<ul style="list-style-type: none"> • Doctoral dissertation public defense
February	<ul style="list-style-type: none"> • Submission of the Dissertation summary
March	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

4. Doctoral program (September completion)

(1) Mathematical Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Determination of the doctoral advisor • Course registration
October - March	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months) • Guidance on academic paper submission and academic conference presentation (as necessary)
April	<ul style="list-style-type: none"> • Course registration
April - September	<ul style="list-style-type: none"> • Acquiring special knowledge of the main and related research themes, receiving guidance on the direction of research, and developing research skills and methods (Frequency: Once every one to two weeks) • Research progress report to the advisor (Frequency: Once a month) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months) • Guidance on academic paper submission and academic conference presentation (as necessary)

Third-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Research progress report to the advisor (Frequency: Once every two weeks) • Guidance on preparing doctoral dissertation writing (Frequency: Once a month) • Guidance on academic paper submission and academic conference presentation (as necessary)
March	<ul style="list-style-type: none"> • Doctoral dissertation interim presentation • Application for the Preliminary dissertation review
April	<ul style="list-style-type: none"> • Course registration
April - May	<ul style="list-style-type: none"> • Guidance on doctoral dissertation writing (Frequency: Once a week)
May	<ul style="list-style-type: none"> • Preliminary dissertation review
June	<ul style="list-style-type: none"> • Doctoral degree application
July	<ul style="list-style-type: none"> • Final examination (Doctoral dissertation public defense)
September	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

(2) Physics

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Determination of the doctoral advisor• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)

Third-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
April	<ul style="list-style-type: none"> • Course registration
April - June	<ul style="list-style-type: none"> • Guidance on experiments or theoretical calculations regarding the main and related research theme (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every two months)
June	<ul style="list-style-type: none"> • Preliminary dissertation review • Doctoral degree application, doctoral dissertation submission
July	<ul style="list-style-type: none"> • Preparation for the Doctoral dissertation public defense
August	<ul style="list-style-type: none"> • Doctoral dissertation public defense, Final examination
September	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

(3) Chemistry

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Determination of the doctoral advisor• Course registration• Checking the research content and plan with the advisor
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester (fall semester) courses
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first-semester (spring semester) courses

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
February	<ul style="list-style-type: none">• Grade assessment of the second-semester (fall semester) courses
April	<ul style="list-style-type: none">• Course registration
April - August	<ul style="list-style-type: none">• Research progress check by the advisor
September	<ul style="list-style-type: none">• Grade assessment of the first-semester (spring semester) courses

Third-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Course registration
October - February	<ul style="list-style-type: none">• Research progress check by the advisor
December - January	<ul style="list-style-type: none">• Interim presentation of the doctoral dissertation to all faculty members in the Department
February	<ul style="list-style-type: none">• Grade assessment of the second-semester (fall semester) courses
April	<ul style="list-style-type: none">• Course registration
June	<ul style="list-style-type: none">• Doctoral degree application
June - July	<ul style="list-style-type: none">• Appointment of the sub-examiners by the advisor (chief examiner), Preliminary dissertation review
July	<ul style="list-style-type: none">• Doctoral dissertation public defense, review by the faculty members in the Department
September	<ul style="list-style-type: none">• Deliberation at the Graduate Faculty Committee• Degree conferment

(4) Biological Sciences

First-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Participation in the Orientation guidance• Determination of the doctoral advisor• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)

Second-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none">• Course registration
October - March	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
April	<ul style="list-style-type: none">• Course registration
April - September	<ul style="list-style-type: none">• Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week)• Research progress report to the advisor (Frequency: Once every two weeks)• Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)

Third-year

Time	Instructional content and methods, administrative procedures, etc.
October	<ul style="list-style-type: none"> • Course registration
October - March	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
April	<ul style="list-style-type: none"> • Course registration
April - May	<ul style="list-style-type: none"> • Guidance on experiments, practical training, and scientific research (data collection) regarding the main and related research themes (Frequency: Once a week) • Research progress report to the advisor (Frequency: Once every two weeks) • Results briefing at the laboratory meeting or seminar (Frequency: Once every one to two months)
June	<ul style="list-style-type: none"> • Doctoral dissertation presentation (disclosed) • Doctoral dissertation examination committee • Doctoral degree application
July - August	<ul style="list-style-type: none"> • Doctoral dissertation public defense
August	<ul style="list-style-type: none"> • Submission of the Dissertation summary
September	<ul style="list-style-type: none"> • Deliberation at the Graduate Faculty Committee • Degree conferment

Notes on Course Registration

[General Courses for All Majors]

Among the general courses, “Selected Topics in Physics and Chemistry I” and “Selected Topics in Physics and Chemistry II” are treated as specialized courses intended for students majoring in Physics and Chemistry. All other courses are considered General courses for all majors.

Students may repeat the courses listed below if each course provides different subject matter.

- Selected Topics in Physics and Chemistry I
- Selected Topics in Physics and Chemistry II

[Mathematical Sciences]

(Master's program)

1. "Exercises in Mathematical Sciences" is a required course in the master's program of the Graduate School of Science.
2. "Seminar in Mathematical Sciences" is a required course in the master's program of the Graduate School of Science. Students should complete the seminar courses in the order of 1, 2, 3, and 4 sequentially.
3. Students may repeat courses, except for "Exercises in Mathematical Sciences" and "Seminar in Mathematical Sciences 1 – 4", if each course provides different subject matter.

(Doctoral program)

1. "Advanced Seminar in Mathematical Sciences" is a required course in the doctoral program of the Graduate School of Science. Students should complete the advanced seminar courses in the order of 1, 2, 3, 4, 5 and 6 sequentially.
2. Students may repeat courses, except for "Special Exercises in Mathematical Sciences" and "Advanced Seminar in Mathematical Sciences 1 – 6", if each course provides different subject matter.

[Physics]

(Master's program)

1. The following courses are required for the master's degree.
For theoretical physics:
 - Advanced Seminar in Physics I–IV and
 - Advanced Practice in Physics I–IVFor experimental physics:
 - Advanced Seminar in Physics I–IV and
 - Advanced Experiment in Physics I–IVCourses I to IV should be taken in order. These courses cannot be taken at the same time.
2. For the following courses, students may repeat courses if each course provides different subject matter.
 - Special Lecture in Physics I
 - Special Lecture in Physics II
 - Selected Topics in Physics I
 - Selected Topics in Physics II
 - External Experience in Physics
 - Internship in Physics
3. For courses offered in both the undergraduate and graduate programs, students are not permitted to repeat courses already completed in the undergraduate program of this University if the course content is identical to that at the time the credits were earned.
4. For students who are admitted for early completion due to their outstanding research achievements, some of the requirements in Section 1 above may be waived.

(Doctoral program)

1. The following courses are required for the doctoral degree.
For theoretical physics:
 - Advanced Practice in Physics V–VIIIFor experimental physics:
 - Advanced Experiment in Physics V–VIIICourses V to VIII should be taken in order. These courses cannot be taken at the same time. Students for theoretical physics can take “Advanced Practice in Physics IX” after taking “Advanced Practice in Physics VIII,” and students for experimental physics can take “Advanced Experiment in Physics IX” after taking “Advanced Experiment in Physics VIII.”
2. For the following courses, students may repeat courses if each course provides different subject matter.
 - Special Lecture in Physics I
 - Special Lecture in Physics II
 - Selected Topics in Physics I
 - Selected Topics in Physics II
 - External Experience in Physics
 - Internship in Physics
3. For courses offered in both the master's and doctoral programs, students are not permitted to repeat courses already completed in the master's program of this University if the course content is identical to that at the time the credits were earned.
4. For students who are admitted for early completion due to their outstanding research achievements, some of the requirements in Section 1 above may be waived.

[Chemistry]

(Master's program)

1. The following courses are required for the master's degree.

- Advanced Research of Chemistry IA, IB, IIA, IIB, and
- Seminar on Advanced Chemistry I, II

No credit will be awarded for repeating "Advanced Research of Chemistry" more than once. In principle, "Advanced Research of Chemistry I A" and "Advanced Research of Chemistry I B" should be taken in the first year, and "Advanced Research of Chemistry II A" and "Advanced Research of Chemistry II B" should be taken in the second year. Also, students admitted in April should take "Seminar on Advanced Chemistry I" in the first semester (spring semester) and "Seminar on Advanced Chemistry II" in the second semester (fall semester). Likewise, students admitted in October should take "Seminar on Advanced Chemistry I" in the second semester (fall semester) and "Seminar on Advanced Chemistry II" in the first semester (spring semester).

2. The subject matter of "Advanced Theoretical Chemistry" is designed to accommodate graduate students from other majors. To acquire a solid knowledge of non-major subjects, students majoring in chemistry are required to take two or more units from each of the following groups, for a total of eight or more units to meet the master's degree requirement.

Group 1: Advanced Inorganic Chemistry, Advanced Geo-and Cosmochemistry

Group 2: Advanced Organic Chemistry, Advanced Biological Chemistry

Group 3: Advanced Molecular Spectroscopy, Advanced Physical Chemistry of Condensed Matter, Advanced Theoretical Chemistry

3. "Lecture of Advanced Chemistry I" is taught by guest lecturers who provide explanations of fundamental concepts while presenting the latest research and current topics in their fields of expertise. Students are encouraged to take this course to acquire broader knowledge.
4. In general, students are not permitted to repeat the same course more than once. However, the following courses may be repeated, and credits will be counted if each course provides different subject matter.
 - Lecture of Advanced Chemistry I
 - Lecture of Advanced Chemistry II
 - External Experience in Chemistry
 - Internship in Chemistry - Seminar on Advanced Chemistry I, II

(Doctoral program)

1. The following courses are required for the doctoral degree.

- Advanced Research of Chemistry IIIA, IIIB, IVA, IVB, and
- Seminar on Advanced Chemistry III, IV

No credit will be awarded for repeating "Advanced Research of Chemistry" more than once. In principle, "Advanced Research of Chemistry III A" and "Advanced Research of Chemistry III B" should be taken in the first year, and "Advanced Research of Chemistry IV A" and "Advanced Research of Chemistry IV B" should be taken in the second year. Also, students admitted in April should take "Seminar on Advanced Chemistry III" in the first semester (spring semester) and "Seminar on Advanced Chemistry IV" in the second semester (fall semester). Likewise, students admitted in October should take "Seminar on Advanced Chemistry III" in the second semester (fall semester) and "Seminar on Advanced Chemistry IV" in the first semester (spring semester).

2. "Lecture of Advanced Chemistry I" is taught by guest lecturers who provide explanations of fundamental concepts while presenting the latest research and current topics in their expertise. Students are encouraged to take this course to acquire broader knowledge.
3. In general, students are not permitted to repeat the same course more than once. However, the following courses may be repeated, and credits will be counted if each course provides different subject matter.

- Lecture of Advanced Chemistry I
- Lecture of Advanced Chemistry II
- External Experience in Chemistry
- Internship in Chemistry
- Seminar on Advanced Chemistry III, IV

However, for courses offered in both the master's and doctoral programs, students are not permitted to repeat courses already completed in the master's program of this University if the course content is identical to that at the time the credits were earned.

[Biological Sciences]

1. Biological Sciences offers the following courses:
 - Advanced Experimental Techniques in Biological Sciences (2 units)
 - Seminar in Biological Sciences (2 units)
 - Special Course in Biological Sciences (1 or 2 units)
 - Advanced Lecture on Biological Sciences (2 units)
 - Special Lecture on Biological Sciences (1 unit)
 - Special Seminar in Biological Sciences (1 unit)
 - Biology Course in Planning and Management (1 unit)
 - Biology Course in International Research Experiences (1 unit)
 - Biology Course in Research Evaluation (1 unit)
 - Special Experiment in Biological Sciences (1 unit)
 - Special Practice in Biological Sciences (2 units)
 - Practice in Biological Sciences (Radioisotope Techniques; 1 unit)
 - External Experience in Biological Sciences (1 or 2 units)
 - Internship in Biological Sciences (1 or 2 units)
2. “Advanced Experimental Techniques in Biological Sciences” and “Seminar in Biological Sciences” are offered by each affiliated research laboratory. For the following courses, the subject matter and lecture format are designed to accommodate graduate students from other majors.
 - Special Course in Biological Sciences
 - Advanced Lecture on Biological Sciences
 - Special Lecture on Biological Sciences
 - Special Seminar in Biological Sciences
 - Biology Course in Planning and Management (1 unit)
 - Biology Course in International Research Experiences (1 unit)
 - Biology Course in Research Evaluation (1 unit)
 - Special Experiment in Biological Sciences
 - Special Practice in Biological Sciences
 - Practice in Biological Sciences (Radioisotope Techniques)

“Advanced Lecture” focuses on the fundamental master’s-level content in each field. “Special Lecture” provides more specialized and advanced content in each field. “Special Practice” is offered when there is a specific instructional need.
3. In general, classes are conducted in accordance with the regular timetable. However, “Advanced Experimental Techniques in Biological Sciences” may be conducted outside the regular timetable, with scheduling determined in accordance with the specific requirements of each research theme. If a student spends a considerable amount of time on activities at an off-campus research institution or in field research, and this prevents them from attending scheduled classes, they may be permitted to complete the course by submitting assignments or reports outside regular class hours. The same may apply to working graduate students when their professional duties make attending classes difficult. Students who require such arrangements should consult their graduate/doctoral advisors and the course instructors in advance.
4. Graduate student’s off-campus learning activities may, upon request from the student or their graduate/doctoral advisor, be approved for course credit as “Special Experiment in Biological Sciences” or “External Experience in Biological Sciences,” following a review by the Department’s Academic Affairs Committee.
5. Registration is required for all courses. Courses, including lectures, exercises, experiments, and seminars, offered under the same course title may be taken more than once if each course provides different subject matter. The credits will be counted cumulatively.
6. Certain “Special Lectures on Biological Sciences” require approval from the graduate/doctoral advisor when deemed necessary, as well as approval from the Department’s Academic Affairs Committee. Students should select these courses with consideration for their own field of specialization, and pay attention to the

information provided in the syllabus.

7. It is highly recommended that students take one or more of the following courses:
 - Biology Course in Planning and Management
 - Biology Course in International Research Experiences
 - Biology Course in Research Evaluation

(Master's program)

1. To complete the master's program, a total of 30 or more credits is required. Of these credits, 15 or more credits must be earned from courses other than "Seminar in Biological Sciences" or "Advanced Experimental Techniques in Biological Sciences" offered by the affiliated research laboratory.
2. Of the credits earned from "courses other than 'Seminar in Biological Sciences' or 'Advanced Experimental Techniques in Biological Sciences' offered by the affiliated research laboratory," a maximum of 4 credits per semester may be counted toward the 15 credits specified in Item 1 above. However, this 4-credit limit does not apply to the following courses:
 - Special Seminar in Biological Sciences
 - Special Course in Biological Sciences
 - Biology Course in Planning and Management
 - Biology Course in International Research Experiences
 - Biology Course in Research Evaluation
 - Courses offered as intensive lectures by external instructors.
3. Upon approval of the Department's Academic Affairs Committee, credits earned from graduate courses offered outside the Department of Biological Sciences may be counted as "credits earned from courses other than 'Seminar in Biological Sciences' or 'Advanced Experimental Techniques in Biological Sciences' offered by the affiliated research laboratory" specified in Item 1 above. Similarly, with the approval of both the graduate advisor and the Department's Academic Affairs Committee, credits earned from undergraduate courses may be counted as "credits earned from courses other than 'Seminar in Biological Sciences' or 'Advanced Experimental Techniques in Biological Sciences' offered by the affiliated research laboratory" specified in Item 1 above. However, when combined with credits earned from graduate courses outside the Department of Biological Sciences and from undergraduate courses, the total number of such credits that may be counted under the category specified in Item 1 above is limited to a maximum of 7.
4. For "Seminar in Biological Sciences" and "Advanced Experimental Techniques in Biological Sciences," students are required to take only the courses offered by their affiliated research laboratories, in principle. Additionally, students are highly recommended to take 2 or more "Advanced Lecture" courses. It is also desirable to take "Special Seminar in Biological Sciences."
5. Items 1–4 of this section (master's program) apply to students admitted in or after the 2026 academic year. Students admitted in or before the 2025 academic year shall follow the regulations in effect at the time of their admission.

(Doctoral program)

1. To complete the doctoral program, a total of at least 20 credits from doctoral courses is required. It is desirable that students earn 8 or more credits from courses other than "Seminar in Biological Sciences" or "Advanced Experimental Techniques in Biological Sciences" offered by the affiliated research laboratory.
2. Students are not permitted to take any course that they completed in the master's program, if the courses cover the same subject matter.
3. For "Seminar in Biological Sciences" and "Advanced Experimental Techniques in Biological Sciences," students are required to take only the courses offered by the affiliated research laboratory, in principle. It is also desirable to take "Special Seminar in Biological Sciences."

General Courses for All Graduate Programs

[Master's Program | Doctoral Program]

<Graduate School Career Courses>

Graduate Schools of this University offer career development courses for all graduate programs. It is crucial for students to consider how their research objectives align with their future careers, whether they intend to work in a private company, a university/research institution, or pursue a doctoral program after completing their master's degree. This ensures that the knowledge and skills acquired from research activities are valuable for the students' next steps. Therefore, the University fosters students' awareness and abilities necessary for career development through career-focused courses offered to graduate students.

<Notes>

1. For detailed information about the career courses available, please visit the University's website at https://career.tmu.ac.jp/for_doctoral/rikei_doctorcareer.html (Japanese site).
2. The career courses are available to both master's and doctoral students.
3. While the career courses offer credits, they do not count toward the credits required for completion of the master's and doctoral programs.



List of General Courses for All Graduate Programs (Graduate School Career Courses) for AY2026

Course Number	Course Name	Credit Hours	Instructor(s)	Semester	Day	Period	Note
M: W0500 D: W0600	Career Development for Graduate Students in Science and Engineering	1	Yuji Hayashi, University Education Center	2nd A	Mon.	5th	Course registration will be accepted at the first-class meeting.
(2 units) M: W0510 D: W0610 (1 unit) M: W0511 D: W0611	Research Internships for Graduate Students	2 or 1	Masahiko Ikeuchi, (Part-time instructor) University Education Center	Intensive course III			Internships are available at any time. Please refer to the syllabus for application details.
M: W0520 D: W0620	Academic Communication for Graduate Students	1	Nahoko Kasai, Joel MATTHEWS, University Education Center Wakako Fushikida, Academic Information Technology Center	Intensive III			Course registration information will be available on kibaco and the University's website in April.

* Course Number: M = master's course; D = doctoral course

* Semester: 2nd A = The course is offered in the first half of the second semester.

* Intensive Courses III: Details will be announced separately on kibaco and the University's website.

Graduate School of Science: List of Course Instructors

[Mathematical Sciences]

Instructor Name	Laboratory	Extension No.
Manabu Akaho	8-629	3136
Kensuke Ishitani	8-669	3167
Hokuto Uehara	8-623	3128
Yukihiro Uchida	8-667	3165
Shigenori Uchiyama	8-668	3166
Daisuke Kazukawa	8-628	3127
Akihiro Kanemitsu	8-627	3163
Karel SVADLENKA	8-625	3146
Shigeru Kuroda	8-672	3172
Masanori Kobayashi	8-670	3134
Takashi Sakai	8-631	3138
Shun Sato	8-664	3162
Masahiko Simojo	8-622	3135
Toshio Suzuki	8-675	3175
Yukihiro Seki	8-671	3171
Hirofumi Tsumura	8-674	3174
Hiro-o Tokunaga	8-673	3173
Tomohiro Fukaya	8-630	3137
Tatsuhiko Miura	8-666	3164
Yoshiyuki Yokota	8-626	3133
Shun'ichi Yokoyama	8-665	3168
Kazushi Yoshitomi	8-624	3131
Takeshi Kawasaki	8-662	3158
Masaki Hirata	8-662	3158

[Physics]

Instructor Name	Laboratory	Extension No.
Yuji Aoki	8-531	3362
Emiko Arahata	8-580	3368
Yoshitaka Ishisaki	8-227	3244
Wen YIN	8-584	3374
Masahiko Ueda	8-518	3351
Yuichiro Ezoe	8-229	3246
Hidekazu Kakuno	8-532	3363
Rei Kurita	8-496	3333
Akira Shudo	8-518	3351
Hajime Tanuma	8-526	3355
Takuya Nomoto	8-579	3367
Kazumasa Hattori	8-519	3352
Yutaka Fujita	8-517	3348
Takashi Hotta	8-578	3366
Tatsuma Matsuda	8-226	3243
Yoshikazu Mizuguchi	8-225	3242
Hayato Motohashi	8-581	3371
Hiroyuki Mori	8-577	3365
Kazuhiro Yanagi	8-289	3253
Taiki Yanagishima	8-528	3357
Yasuhiro Yamaguchi	8-583	3373
Shimpei Iida	8-292	3255
Kumi Ishikawa	8-296	3257
Hiromi Otsuka	8-594	3383
Noriaki Kitazawa	8-588	3375
Satoshi Kusaba	8-289	3258
Tetsuro Kumita	8-488	3326
Shin Sasaki	8-515	3346
Atsushi Tanaka	8-510	3341
Yuya Hattori	8-125	3222
Ryuji Higashinaka	8-122	3221
Aichi Yamashita	8-125	3222
Hiroshi Yokota	8-483	3325

[Chemistry]

Instructor Name	Laboratory	Extension No.
Masatoshi Ishida	8-553	3575
Takashi Ito	8-469	3538
Yasuji Oura	8-567	3576
Daichi Oka	8-373	3452
Takuma Okumura	8-368	3448
Hideyuki Kawasoko	8-561	3572
Reika Kanya	8-367	3447
Shuhei Kusumoto	8-466	3535
Shiro Kubuki	RI-201	3922
Kenichi Sugiura	8-565	3567
Masato Taoka	9-414	4352
Nobuyuki Takegawa	8-366	3446
Ryohei Doi	8-450	3524
Naoki Nakatani	8-572	3543
Kotohiro Nomura	8-473	3542
Yasushi Hirose	8-372	3453
Kouji Hirota	8-375	3435
Nobuhiro Moteki	8-365	3445
Seiji Yamazoe	8-568	3577
Carl REDSHAW	8-576	3587
Kazuhiko Akiyama	8-474	3583
Kosei Ito	8-374	3455
Ryotaro Kawasumi	9-415	4366
Soichiro Kitazawa	8-467	3536
Soichi Yoshikawa	8-561	3572
Kohei Shibamoto	8-365	3445
Daisuke Shimoyama	8-234	3421
Kaho Nakatani	8-575	3588
Jun Matsumoto	8-369	3451
Kentaro Misawa	8-365	3445

[Biological Sciences]

Instructor Name	Laboratory	Extension No.
Adam CRONIN	8-541	3765
Kanae Ando	9-478	4443
Katsuyuki Eguchi	Makino-214	2754
Shigeki Ehira	8-334	3672
Tetsuhisa Otani	9-515a	4441
Ryudo Ohbayashi	8-331	3671
Yu Okamura	8-534	3761
Takashi Okamoto	8-320	3661
Takeshi Kanegae	8-312	3653
Hiroyuki Kawahara	9-488	4367
Takaomi Sakai	8-413	3724
Olivier GERVAIS	9-519	4447
Jun-Ichirou Suzuki	8-540	3764
Naohito Takatori	8-336	3673
Aya Takahashi	8-425	3733
Koji Takayama	Makino-117	2727
Yuuya Tachiki	9-511	4358
Koichiro Tamura	8-415	3725
Rei Narikawa	8-263	3628
Masafumi Nozawa	8-417	3726
Shin Haruta	8-434	3741
Kimiko Fukuda	8-339	3675
Hidemori Yazaki	9-519	4447
Akiko Asada	9-493	4372
Tsunaki Asano	8-422	3731
Hidetoshi Kato	Makino-118	2728
Atsuko Kinoshita	8-318	3657
Taro Saito	9-493	4371
Kenta Sugiura	Makino-215	2755
Satomi Takeo	8-441	3745
Tao Fujiwara	Makino-107	2723
Naoto Yokota	9-481b	4370

Graduate School Rules of Tokyo Metropolitan University (Excerpts)

Corporate Rules No. 49, 2005
Enacted on April 1, 2005

Chapter 1. General Provisions

(Purpose)

Article 1

The Graduate School of Tokyo Metropolitan University (hereinafter referred to as “the Graduate School”) aims to provide education and conduct research in specialized academic fields with a broad perspective, pursuing the theoretical and applied aspects of such fields to the highest level. It also seeks to cultivate profound knowledge and outstanding abilities necessary for careers that require advanced specialization, thereby enhancing the quality of life and cultural development of Tokyo’s citizens.

(Partial revisions of Regulation 11 of 2019)

Chapter 2. Structure of the Graduate School

(Programs)

Article 3

1. The Graduate School consists of Graduate Programs and Professional Degree Programs set forth in Article 2, Paragraph 1 of the Standards for the Establishment of Professional Graduate Schools (Ordinance of the Ministry of Education, Culture, Sports, Science and Technology No. 16 of 2003; the same hereafter).
2. The graduate program is divided into two sections: the first two years (hereinafter referred to as the "master's program") and the next three years (hereinafter the "doctoral program").
3. The master's program aims to enable students to gain deep knowledge from a broad perspective and to develop advanced skills necessary for research in their field of specialization or for professions requiring a high degree of expertise.
4. The doctoral program aims to enable students to acquire advanced research skills and profound academic knowledge that serve as the foundations for conducting independent research as researchers or engaging in other highly specialized work in their field of expertise.

(Graduate Schools and majors)

Article 4

Graduate Schools and their respective majors of this University shall be as shown in Appended Table 1.

(Maximum number of students)

Article 6

The maximum number of students shall be as shown in Appended Table 2.

(Appended table revisions of Rule 192 of 2005, Rule 65 of 2006, Rule 33 of 2010, Rule 16 of 2013, Rule 28 of 2017)

(Administrative unit)

Article 7

Administrative affairs related to each graduate program shall be handled by the relevant administrative units.

Chapter 2-2. Educational and Research Objectives of Each Graduate Program

(Addition of Rule 24 of 2006)

(Educational and research objectives of the Graduate School of Science)

Article 7-5

1. The master's program at the Graduate School of Science aims to enable students to gain a wide range of knowledge, concepts, and methods in natural science, as well as to develop research skills and flexible problem-solving and presentation skills. It also aims to train students to become researchers, educators, and engineers with an international perspective, creativity, and applicable skills.
2. The doctoral program at the Graduate School of Science aims to enable students to gain advanced knowledge, concepts, and methods in natural science, as well as to develop independent research skills and the ability to

explore and discover mid- to long-term projects and issues. It also aims to train students to become researchers, educators, and engineers with international leadership, outstanding creativity, and applicable skills.

(Addition of Rule 24 of 2006; partial revision of Rule 28 of 2017; moved down from Article 7-4)

(Educational and research objectives of each major)

Article 7-9

The objectives related to human resource development and other educational research purposes for each major shall be prescribed separately.

(Addition of Rule 24 of 2006; Rule 28 of 2017 moved down from Article 7-8)

Chapter 3. Faculty

(Faculty Council)

Article 8

1. Each School shall have a Faculty Council.
2. The Faculty Council shall consist of the professors of the relevant School.
3. Associate professors and other faculty members may be added to the Faculty Council.
4. The Dean of the School shall convene and chair Faculty Council meetings.
5. Based on the basic policy determined by the Education and Research Council, the Faculty Council shall deliberate on the following matters related to:
 - (1) Student admission, course completion, and other matters related to student enrollment and degree conferral
 - (2) Curriculum organization
 - (3) Self-inspection and evaluation of the status of education and research in the graduate school
 - (4) Systematic training and research conducted by the graduate school to improve the subject matter and teaching methods of courses and research instructions
 - (5) Other important matters related to education and research
6. In addition to the above-mentioned five matters, necessary matters concerning the Faculty Council shall be prescribed separately.

(Partial revisions of Rule 24 of 2006, Rule 13 of 2009)

(Course instructors)

Article 9

1. Courses and instructions at the Graduate School shall be conducted by professors of the University or other qualified individuals (hereinafter referred to as "course instructors").
2. The course instructors outlined above shall be designated by the President based on the deliberation by the Faculty Council of the relevant School and the approval of the Faculty Council to which the professor belongs.

(Board of Delegates)

Article 10

1. Each Faculty Council may establish a Board of Delegates.
2. The matters determined by the Faculty Council prescribed in Article 8, Paragraph 5 may be delegated to the Board of Delegates in making decisions.
3. The Dean of the School shall convene and chair the meetings of the Board of Delegates.
4. Necessary matters concerning the composition and other aspects of the Board of Delegates shall be prescribed separately.

Chapter 4. Academic Year, Semester, Enrollment Period

(Academic year)

Article 11

1. The academic year shall be from April 1 to March 31 of the following year for those enrolled in the first semester and from October 1 to September 30 of the following year for those enrolled in the second semester.
2. Semesters and recesses shall be pursuant to the University Rules. However, the semesters and recesses of the law school shall be in accordance with the Rules of Tokyo Metropolitan University Graduate School of Law and Politics (hereinafter referred to as "Law School Rules").

(Partial revisions of Rule 65 of 2008)

(Standard period of study)

Article 12

The standard period of study for the master's program shall be two years, and the standard period of study for the doctoral program shall be three years.

(Maximum period of enrollment)

Article 14

1. The enrollment period in the master's program shall not exceed four years, and the enrollment period in the doctoral program shall not exceed six years.
3. Notwithstanding the provisions of the preceding two paragraphs, a student may stay enrolled beyond the standard period of study when exceptionally approved by the Faculty Council of the School to which the student belongs.

(Long-term enrollment)

Article 15

When a student intends to take courses systematically over a period of time beyond the standard period of study prescribed in Article 12, Paragraph 1, under certain circumstances, such as full-time work, the School may permit the student to complete the program in a planned manner as prescribed separately.

(Partial revisions of Rule 39 of 2009)

Chapter 5. Admission

(Admission)

Article 17

1. Matters concerning student status, such as admission, withdrawal, expulsion, transfer, study abroad, and leave of absence, shall be pursuant to the University Rules, except for provisions prescribed in the Graduate School Rules.
2. After deliberation by the Faculty Council, the President shall request that a student withdraw from the University if the student falls under any of the following:
 - (1) Exceeded the maximum enrollment period set forth in Article 14
 - (2) Unable to return to school after the period of absence set forth in Article 19

(Leave of absence)

Article 19

1. The leave of absence cannot exceed three years in total for each program.
3. Notwithstanding the provisions of the preceding two paragraphs, when exceptionally approved by the Faculty Council under special circumstances, a student may remain absent beyond the preceded period of absence.
4. The period of leave of absence shall not be included in the period of enrollment for the master's program or the doctoral program set forth in Article 14, Paragraph 1.
6. In addition to the provisions of the preceding paragraphs, the provisions of the University Rules shall apply mutatis mutandis to leaves of absence.

(Partial revisions of Rule 65 of 2008)

(Study abroad)

Article 20

1. A student may be permitted to study at a graduate school or research institute in a foreign country, based on an agreement or consultation with the host institution, if the President finds that it is academically beneficial for the student.
2. The permission set forth in the preceding paragraph shall be granted based on the student's application to study abroad and after deliberation by the Faculty Council of the School to which the student belongs.
3. The period of study abroad may be counted toward the student's period of enrollment.

Chapter 6. Curriculum and Course Requirements

(Assignment of a graduate/doctoral advisor)

Article 21

After admission to the Graduate School, each student (except low school students) shall be assigned a professor (hereinafter referred to as a "graduate/doctoral advisor") who will provide guidance to the student.

(Guidance from the graduate/doctoral advisor)

Article 22

1. At the beginning of each academic year, students shall apply to attend courses for the academic year according to the prescribed procedure, and need to be admitted to the course enrollment.
2. Students shall receive guidance from their graduate/doctoral advisors on selecting courses, writing theses, and conducting research.
3. When the graduate/doctoral advisor deems it necessary, the student may take designated courses.

(Credits)

Article 23

The standards for assigning course credits in the Schools shall conform to those for undergraduate courses.

(Credit requirements)

Article 24

Credit requirements for courses prescribed in the preceding article shall be as follows. The detailed rules shall be prescribed separately.

- (1) Master's students must earn 30 or more credits during their period of enrollment.
- (2) Doctoral students must earn 20 or more credits during their period of enrollment. However, doctoral students majoring in Human Health Sciences in the Graduate School of Human Health Sciences must earn 14 or more credits during their period of enrollment.

(Partial revisions of Rule 192 of 2005, Rule 39 of 2009, Rule 30 of 2014, Rule 38 of 2015)

(Curriculum organization policy)

Article 24-2

1. Each School shall establish courses necessary to achieve its educational objectives and formulate a plan to provide guidance on thesis and dissertation writing, etc. (hereinafter referred to as "research guidance"). The School shall also systematically organize the curriculum.
2. Each School shall give appropriate consideration to developing a curriculum that enables students to acquire highly specialized knowledge and skills in the field of study, as well as fundamental knowledge in the related fields.

(Addition of Rule 65 of 2006)

(Interdisciplinary Programs of Graduate School)

Article 24-3

The Tokyo Metropolitan University Graduate School Interdisciplinary Programs (hereinafter referred to as the "Interdisciplinary Programs") are established, in addition to the curriculum specified in the preceding article, with the aim of enabling students to acquire broad knowledge, a bird's-eye view, and applicable skills that transcend schools and departments, as well as to enhance interdisciplinary research capabilities. Matters necessary for the implementation of the Programs are stipulated in the Program's regulations.

(General courses for all graduate programs)

Article 24-4

1. In addition to the courses according to the preceding two articles, the Graduate School may establish general courses intended for students in multiple graduate programs (hereinafter referred to as "General courses for all graduate programs").
2. If the graduate program deems it appropriate for educational purposes, credits earned through the General courses for all graduate programs may be counted toward the required credits for program completion as prescribed in Articles 30, 31, and 34. However, such courses shall not be counted as those prescribed in the provisions of Article 30-2.

(Addition of Rule 17 of 2018)

(Systematic training to improve the curriculum)

Article 24-5

The Schools shall offer systematic training and research to improve the quality and process of the course curriculum and research guidance.

(Addition to Rule 65 of 2006; Rule 28 of 2017 moved down from Article 24-3; Rule 17 of 2018 moved down from Article 24-4)

(Courses and credits awarded)

Article 25

1. The courses and credit allocations by major shall be as shown in Appended Table 3.
2. The courses and credit allocations for the Graduate School Interdisciplinary Programs are set forth in the Graduate School Interdisciplinary Programs Rules.
3. The courses and credit allocations for the General courses for all graduate programs shall be as shown in Appended Table 3-2.
4. In addition to the courses set forth in the preceding three paragraphs, the School may establish other courses with the approval of the Faculty Council.

Appended table revisions of Rule 178 of 2005, Rule 192 of 2005, Rule 65 of 2006, Rule 71 of 2007, Rule 65 of 2008, Rule 39 of 2009, Rule 33 of 2010, Rule 17 of 2011, Rule 14 of 2012, Rule 16 of 2013, Rule 30 of 2014, Rule 19 of 2015; partial revisions and appended table revisions of Rule 28 of 2017, Rule 17 of 2018)

(Recognition of credits)

Article 26

Course credits shall be granted based on written or oral examinations or research reports and shall be awarded at the end of each semester or academic year.

(Course assessment)

Article 27

The provisions of Article 40 of the University Rules shall apply mutatis mutandis to the assessment of student performance in courses.

(Clear presentation of grading criteria)

Article 27-2

1. The Schools shall present to students in advance the teaching method and details of the course and research, as well as the class schedule and research guidance plan for the year.
2. To ensure objective and rigorous assessment, the Schools shall clearly present to students in advance the criteria for evaluating students' performance and theses/dissertations, as well as for certifying program completion, and shall adhere appropriately to said criteria.

(Addition of Rule 65 of 2006)

(Taking courses at other graduate schools)

Article 28

1. If deemed educationally beneficial, the School may, in accordance with the provisions it prescribes, recognize up to a maximum of 15 credits earned by a student through coursework completed at another graduate school, foreign graduate school, or the United Nations University as credits earned at this Graduate School.

(Partial revisions of Rule 192 of 2005, Rule 14 of 2012, Rule 17 of 2018, Rule 19 of 2023)

(Recognition of credits earned before admission)

Article 28-2

1. If deemed educationally beneficial, the School may, in accordance with the provisions it prescribes, recognize and award up to a maximum of 15 credits earned by a student through coursework completed prior to admission to this University in the educational program of another graduate school, foreign graduate school, or the United Nations University (including credits earned as a credited auditor).
2. The total number of credits that may be recognized or awarded pursuant to the preceding Article and paragraph 1 of this Article shall not exceed 20 credits in total.

(Addition of Rule 19 of 2023)

(Research guidance at other graduate schools or research institutes)

Article 29

If the President deems educationally beneficial for a student to receive research guidance at another graduate school or research institute, the President may, with deliberation by the Faculty Council of the School to which the student belongs and on the basis of an agreement or consultation with the relevant graduate school or institution, grant permission for such guidance. However, in a case where such permission is granted to a student enrolled in the master's program, the period during which the student may receive such research guidance shall not exceed one year.

(Partial revisions of Rule 19 of 2023)

(Joint Research Guidance Program)

Article 29-2

1. If the President deems it educationally beneficial, a student may be permitted, upon deliberation by the Faculty Council of the School to which the student belong, to enroll in the graduate school of a foreign university while retaining the student's status at this University, and to participate in a program under which research guidance and thesis or dissertation examination are conducted jointly by the School and the said foreign graduate school (hereinafter referred to as "Joint Research Guidance Program"), pursuant to an agreement or consultation with that foreign graduate school.
2. If a student from a graduate school of a foreign university intends to participate in the Joint Research Guidance Program at the School of this Graduate School, the student may be permitted to enroll as a short-term international student as stipulated in Article 67-2 of the Tokyo Metropolitan University Academic Regulations, pursuant to the agreement or consultation with that foreign graduate school.
3. When the short-term international student accepted under the provisions of the preceding paragraph is recognized as having passed the thesis or dissertation examination under the Joint Research Guidance Program with this Graduate School, the President may, upon deliberation by the Faculty Council of the relevant School, award a certificate indicating that the student has completed the Joint Research Guidance Program.

(Addition of Rule 39 of 2009, Rule 11 of 2019; partial revisions of Rule 19 of 2023)

(Educational programs with foreign graduate schools)

Article 29-3

1. The School may, in both the master's program and the doctoral program, implement educational programs that pursuant to agreements or consultations with foreign graduate schools, including the mutual recognition and transfer of credits and joint research guidance with those graduate schools.
2. Matters necessary for the implementation of the educational programs set forth in the preceding paragraph shall be prescribed separately.

(Addition of Rule 19 of 2023)

Chapter 7. Completion Requirements

(Completion requirements for the Master's program)

Article 30

1. To complete the master's program, students must complete the two-year enrollment period, attend regular classes, acquire 30 or more credits required courses in the program, submit a thesis, and pass the final examination.
2. In the case of the preceding paragraph, if the graduate advisor considers it academically beneficial, up to 10 of the required 30 credits may be earned from the following courses, as prescribed by each graduate school:
 - Non-major courses offered within the same School
 - Major courses offered in other Schools
 - Undergraduate courses
3. Among the completion requirements set forth in Paragraph 1, a student who is recognized as having delivered excellent research achievements may satisfy the enrollment requirement by being enrolled in the master's program for one year or more. In this case, if deemed appropriate for the purpose of the master's program, the evaluation of research results on a specified topic may be substituted for the evaluation of the thesis.

(Partial revisions of Rule 65 of 2006, Rule 65 of 2008, Rule 28 of 2017)

(Shortening of the enrollment period in consideration of credits earned prior to admission)

Article 30-2

1. When the President, pursuant to the provisions of Article 28-2, recognizes that credits earned prior to a student's admission to the Graduate School (limited to those earned after the student became eligible under Article 16) constitute part of the master's program curriculum, the School may, considering the number of such credits, the time required to earn them, and other relevant factors, count a period of up to one year as enrollment in the Graduate School. However, the student must still be enrolled in the master's program for at least one year.
2. The shortening of the enrollment period prescribed in the preceding paragraph shall not apply to students enrolled in the doctoral program or the Professional Degree Program.

(Addition of Rule 19 of 2023)

(Completion requirements for the Doctoral Program)

Article 31

1. To complete the doctoral program, students must complete the three-year enrollment period, attend regular classes, acquire 20 or more required credits in the doctoral program, submit a dissertation, and pass the final examination. However, a student who is recognized as having delivered exceptionally outstanding research achievements may satisfy the enrollment requirement by being enrolled in the doctoral program for one year or more, except for those who fall under the following paragraph.
2. For completion of the doctoral program by a student who has completed the master's program with one year of enrollment under the provision of Paragraph 3 of the previous article, the student may be permitted to complete the doctoral program after two years of enrollment if the Faculty Council of the School to which the student belongs recognizes that the student has delivered outstanding research achievements.

(Partial revisions of Rule 192 of 2005)

(Final examination)

Article 32

1. The thesis/dissertation review and the final examination shall be evaluated by the graduate/doctoral advisor as the main evaluator and two or more course instructors, as set forth in Article 9 nominated by the Faculty Council and appointed by the President.
2. The final examination shall be conducted for those who have acquired the required credits and submitted a thesis/dissertation.
3. The final examination set forth in the preceding paragraph shall be conducted primarily on the thesis/dissertation and written or oral examination of a course related to the thesis/dissertation.

(Pass/fail of the thesis/dissertation and final examination)

Article 33

The pass/fail result of the thesis/dissertation and final examination shall be determined based on the evaluation report submitted by the Review Committee established by the Faculty Council.

(Recognition of course completion and degree conferral)

Article 35

1. A student who has earned the required credits set forth in Article 30 for the master's program and in Article 31 for the doctoral program, and has passed the thesis/dissertation examination and the final examination, shall be certified by the President as having completed the respective program and shall be awarded the degree.
2. A student who submits a dissertation to apply for the doctoral degree may be awarded the degree if the President certifies that the dissertation is of a level equivalent to or higher than that required under Article 31, Paragraph 1, and that the examination result proves that the student has broad academic knowledge and ability to conduct research guidance in the relevant field of expertise.
4. The degrees to be awarded under this article shall be prescribed separately.

(Obtaining teacher certification)

Article 36

1. To obtain teacher certification, students must earn credits set forth in the School Teacher's License Act (Act No. 147 of 1949) and the Order for Enforcement of the School Teacher's License Act (Order of the Ministry of Education No. 26 of 1954).
2. The types and subjects of teacher certification available in the Graduate School are listed in Appended Table 4.
(Appended table revisions of Rule 192 of 2005, Rule 65 of 2006, Rule 28 of 2017)

Chapter 8. Awards and Punishments

(Awards and punishments)

Article 37

Awards and punishments shall be pursuant to the University Rules.

Chapter 9. Tuition and Other Fees

(Tuition and other fees)

Article 38

1. Tuition fees, admission fees, entrance exam fees, certificate issuance fees, and thesis/dissertation examination fees, etc., shall be prescribed separately.
2. The provisions of Chapter 3 of the University Rules shall apply mutatis mutandis to the reduction and exemption of admission fee, as well as to the payment methods, installment payment, and reduction and exemption of tuition fees.

Chapter 10. Credited Auditors

(Credited Auditors and others)

Article 39

1. Matters concerning Credited Auditors and international students shall be prescribed separately.
2. When a student enrolled in the graduate school of another university applies to receive research guidance in the School of this University, the student may be permitted to enroll as a Special Research Student based on an agreement or consultation with the relevant graduate school.
3. Matters necessary concerning Special Research Students shall be prescribed separately.

Article 41

In addition to the matters prescribed in these Graduate School Rules, any matters necessary for the implementation shall be prescribed separately.

Appended Table 1 for Article 4

(Partial revisions of Rule 192 of 2005, Rule 65 of 2006, Rule 28 of 2017)

1. Graduate programs

Master's Program		Doctoral Program	
Graduate Program	Major	Graduate Program	Major
Graduate School of Science	Mathematical Sciences Physics Chemistry Biological Sciences	Graduate School of Science	Mathematical Sciences Physics Chemistry Biological Sciences

Appended Table 2 for Article 6

(Partial revisions of Rule 192 of 2005, Rule 65 of 2006, Rule 39 of 2009, Rule 33 of 2010, Rule 16 of 2013, Rule 28 of 2017)

1. Graduate programs

Master's Program				Doctoral Program			
School	Major	Max. Adm.	Max. Enroll	School	Major	Max. Adm.	Max. Enroll
Graduate School of Science	Mathematical Sciences	25	50	Graduate School of Science	Mathematical Sciences	8	24
	Physics	35	70		Physics	10	30
	Chemistry	35	70		Chemistry	9	27
	Biological Sciences	40	80		Biological Sciences	16	48

Appended Table 3 for Article 25

(Full revision of Rule 192 of 2005; partial revisions of Rule 65 of 2006, Rule 71 of 2007, Rule 65 of 2008, Rule 39 of 2009, Rule 33 of 2010, Rule 17 of 2011, Rule 14 of 2012, Rule 16 of 2013, Rule 30 of 2014, Rule 19 of 2015, Rule 38 of 2015, Rule 19 of 2016, Rule 28 of 2017, Rule 17 of 2018, Rule 11 of 2019, Rule 16 of 2020, Rule 10 of 2021, Rule 57 of 2022, Rule 19 of 2023, Rule 15 of 2024)

Omitted. See CAMPUSSQUARE for the latest information.

Appended Table 3-2 for Article 25

(Addition of Rule 17 of 2018; partial revision of Rule 11 of 2019, Rule 16 of 2020, Rule 10 of 2021)

Omitted. See CAMPUSSQUARE for the latest information.

Appended Table 4 for Article 36

(Partial revisions of Rule 192 of 2005, Rule 65 of 2006, Rule 28 of 2017)

Master's Program	Major	Types and Subjects for Licenses	
		Junior High School Advanced Teacher's Certification	High School Advanced Teacher's Certification
Graduate School of Science	Mathematical Sciences	Mathematics	Mathematics
	Physics Chemistry Biological Sciences	Science	Science

Tokyo Metropolitan University Degree Rules (Excerpts)

Corporate Rules No. 54, 2005

Enacted on April 1, 2005

(Purpose)

Article 1

The purpose of these rules is to provide information concerning degrees at Tokyo Metropolitan University pursuant to the provisions of Article 13, Paragraph 1 of the Degree Regulations (Ordinance of the Ministry of Education No. 9 of 1953).

(Type of degrees)

Article 2

1. The following degrees shall be conferred:

- (1) Bachelor's degree
- (2) Master's degree
- (3) Doctoral degree
- (4) Juris Doctor degree (professional)

2. In conferring a bachelor's, master's, or doctoral degree, disciplines shall be appended according to Appended Table 1.

(Appended table revisions of Rule 202 of 2005 and Rule 79 of 2007; partial revisions and appended table revisions of Rule 78 of 2008; appended table revisions of Rule 49 of 2009, Rule 27 of 2011, Rule 25 of 2013, Rule 38 of 2014, Rule 20 of 2015, and Rule 40 of 2017)

(Requirements for conferring the master's degree)

Article 4

A master's degree shall be conferred on those who have completed the master's program pursuant to the provisions of Article 35, Paragraph 1 of the Graduate School Rules of Tokyo Metropolitan University (Corporate Rules No. 49, 2005; hereinafter referred to as the "Graduate School Rules").

(Partial revisions of Rule 31 of 2019)

(Requirements for conferring the doctoral degree)

Article 5

1. A doctoral degree shall be conferred on those who have completed the doctoral program pursuant to the provisions of Article 35, Paragraph 1 of the Graduate School Rules.

2. A doctoral degree shall be conferred on those who have passed the dissertation review and final examination pursuant to the provisions of Article 35, Paragraph 2 of the Graduate School Rules and whose academic ability is confirmed by the oral examination to be equivalent to or higher than those who have completed the doctoral program set forth in the preceding paragraph.

(Method and timing of the degree application)

Article 7

The method and timing of degree applications shall be set forth in Appended Table 2.

(Appended table revision of Rule 5 of 2013)

(Qualifications for the master's degree application)

Article 8

To be qualified to apply for the review of a thesis (including research findings of a specific subject; hereinafter the same) for the purpose of obtaining a master's degree pursuant to the provision of Article 4, a student must be enrolled in the master's program and have earned the required credits or be approved as likely to earn the required credits by the end of the thesis examination.

(Qualifications for the doctoral degree application)

Article 9

To be qualified to apply for the review of a dissertation for the purpose of obtaining a doctoral degree pursuant to the provision of Article 5, Paragraph 1, a student must be enrolled in the doctoral program and have earned the required credits or be approved as likely to earn the required credits by the end of the dissertation examination. Provided, however, that this shall not apply where the student applies for a doctoral degree pursuant to the provisions of Article 5, Paragraph 2.

(Application for the doctoral degree by dissertation)

Article 10

1. To apply for a doctoral degree pursuant to the provision of Article 5, Paragraph 2, an applicant shall submit the application form and related documents set forth in Article 7 with the discipline set forth in Article 2, Paragraph 2, along with the payment of the dissertation review fee, to the Graduate School for the attention of the President.
2. The amount of the dissertation review fee, as well as matters concerning exemption and other related provisions, shall be as specified separately.

(Acceptance of the degree application)

Article 11.

1. Applications for a master's degree pursuant to the provisions of Article 4 and applications for a doctoral degree pursuant to the provisions of Article 5, Paragraph 1 shall be accepted by the respective School.
2. Applications for a doctoral degree pursuant to the provisions of Article 5, Paragraph 2 shall be reviewed by the Faculty Council of the respective School (hereinafter "Graduate Faculty Council") to determine whether the submitted dissertation is eligible for examination, and shall be either accepted or rejected on that basis.
3. When an application is accepted pursuant to the preceding paragraph, a certificate of acceptance shall be issued to the applicant.
4. After accepting a doctoral degree application pursuant to the provisions of the preceding two paragraphs, the President shall request the Graduate Faculty Council of the appropriate discipline to evaluate the dissertation.

(Thesis/dissertation)

Article 12

1. The degree thesis or dissertation shall consist of one principal work. However, supplementary papers may be attached as references.
2. The terminology used in the thesis/dissertation shall be determined by the Graduate Faculty Council.
3. Once the thesis or dissertation has been accepted, it shall not be returned to the applicant under any circumstances.

(Review Committee)

Article 13

1. A thesis/dissertation shall be evaluated and determined based on the report prepared by the Review Committee established within the Graduate Faculty Council.
2. The Review Committee set forth in the preceding paragraph shall consist of as follows:
 - (1) For a dissertation submitted pursuant to Articles 8 and 9, the principal graduate/doctoral advisor shall serve as the chief examiner, and two or more additional faculty members shall be appointed from among the members of the respective Graduate Faculty Council, upon the recommendation of the Graduate School Faculty Council and designation by the President.
 - (2) For a dissertation submitted pursuant to Article 10, the Committee shall consist of one chief examiner and two or more additional members selected from among the members of the respective Graduate Faculty Council, all of whom shall be designated by the President upon the recommendation of the Graduate School Faculty Council.
3. Notwithstanding the provision of the preceding paragraph, when the Graduate Faculty Council deems it necessary, the Council may nominate a faculty member from another School, or a faculty member of another graduate school or research institution, to serve as an examination committee member.

(Review period)

Article 14

1. A thesis and dissertation pursuant to Articles 8 and 9 shall be submitted and examined during the period of enrollment.
2. The evaluation of a dissertation set forth in Article 10 must be completed within one year from the date that the degree application is accepted.
3. Notwithstanding the provisions of the preceding two paragraphs, the review period may be extended upon deliberation and approval of the Graduate Faculty Council.

(Examinations)

Article 15

1. The Review Committee shall, concurrently with the dissertation review, conduct the final examination or test concerning the related subjects centered on the doctoral dissertation.
2. The final examination or test set forth in the preceding paragraph shall be conducted in an oral or written format.

(Oral or written examination)

Article 16

1. The examination set forth in Article 5, Paragraph 2 shall be conducted in both an oral and a written format.
2. An individual who has been enrolled in the doctoral program of this University for at least one year and has earned the prescribed credits, and who applies for a doctoral degree after withdrawal from the Program pursuant to Article 5, Paragraph 2, may be exempt from the examination described in the preceding paragraph, in accordance with the rules predetermined by the respective School.

(Public presentation)

Article 17

The Graduate Faculty Council may, in accordance with predetermined rules, hold the Public presentation of the dissertation (hereinafter "public presentation") as part of the final examination or test, and may require the dissertation applicant to give a presentation during the Public presentation. The details of the Public presentation shall be determined by the Review Committee.

(Report to the Graduate Faculty Committee)

Article 18

1. The Review Committee shall submit the evaluation report to the Graduate Faculty Council immediately after completing the evaluation.
2. If necessary, the Graduate Faculty Council may request the applicant to submit additional materials, such as a copy, Japanese translation, prototype, or sample related to the dissertation, and may also request the dissertation applicant to elaborate on the dissertation.

(Pass or fail decision)

Article 19

1. The Graduate Faculty Council shall decide by anonymous voting whether the dissertation and final examinations are to be passed or failed, based on the evaluation report from the Review Committee.
2. The Graduate Faculty Council meeting must consist of at least two-thirds of the council members to qualify the meeting for the purpose in the preceding paragraph, and at least two-thirds favorable votes from attending members are required to pass. Note that those absent due to public duties shall not be counted in the aforementioned quorum.

Article 20

1. Upon the decision of the passing result at the Graduate Faculty Council meeting, the Dean of the School shall report to the President, attaching a summary of the dissertation review and the results of the final examination or test.
2. For applicants who apply for the degree pursuant to Article 5, Paragraph 2, the results of the Oral or written examination must also be attached.
3. The same shall apply to the case where the Council determined the application failed. However, the summary of the dissertation review shall not be required.

(Conferral of degrees)

Article 21-1

1. The President shall, based on the report of the Undergraduate or Graduate Faculty Council, certify graduation or program completion and confer the degree in accordance with the prescribed format.
2. The bachelor's degree shall be conferred in March. However, for students who have been enrolled at the University for at least four years and are deemed by the Faculty Council to have special circumstances, the degree may be conferred in September.
3. The master's degree shall be conferred twice a year, in March and September.
4. The doctoral degree prescribed in Article 5, Paragraph 1 shall be conferred twice a year, in March and September. The doctoral degree prescribed in Article 5, Paragraph 2 shall be conferred at times determined individually.

(Completion of the Joint Research Guidance Program)

Article 21-2

For recipients of a master's or doctoral degree who are recognized as having successfully passed the dissertation review conducted under the Joint Research Guidance Program prescribed in Article 29, Paragraph 2 of the Tokyo Metropolitan University Graduate School Regulations (Corporate Rules No. 49 of 2005), the President shall include on the diploma a notation indicating completion of the Joint Research Guidance Program.

(Addition of Rule 49 of 2009; Partial revisions of Rule 31 of 2019)

(Publication of the dissertation summary)

Article 22

When the University confers a doctoral degree, it shall, within three months from the date of conferral, publish on the internet a summary of the dissertation and a summary of the results of the dissertation review. The method shall be prescribed separately.

(Partial revisions of Rule 5 of 2013)

(Publication of the doctoral dissertation)

Article 23

1. An individual who has been conferred a doctoral degree must publish the full text of the dissertation within one year from the date of conferral. However, this requirement shall not apply when the dissertation has already been published before the degree is conferred.
2. Notwithstanding the provision of the preceding paragraph, an individual who has been conferred a doctoral degree may, for unavoidable reasons and with the approval of the relevant Graduate Faculty Council, publish a summary of the dissertation instead of the full text. In this case, the School shall make the full text of the dissertation available for viewing upon request.
3. The publication under the preceding paragraph shall be on the Internet with the assistance of the University. The method shall be prescribed separately.
4. When a dissertation is published after the conferral of the degree pursuant to the provisions of the preceding paragraph, the dissertation must be published with the statement "Doctoral dissertation reviewed by Tokyo Metropolitan University."

(Partial revisions of Rule 5 of 2013 and Rule 31 of 2019)

(Titles of degree)

Article 24

When an individual who has been conferred a doctoral degree pursuant to these Regulations uses the title of the degree, the name of "Tokyo Metropolitan University" shall be added.

(Partial revisions of Rule 31 of 2019)

(Revocation of the degree)

Article 25

1. When it is found that a degree has been conferred through fraudulent means, the President may revoke the degree based on the deliberation by the relevant Graduate Faculty Council.
2. The decision of the Graduate Faculty Council prescribed in the preceding paragraph shall require the approval of at least three-fourths of the meeting participants. The provisions of Article 19 shall apply mutatis mutandis to matters such as the number of participants.

Appended Table 1 for Article 2

(Partial revisions of Rule 202 of 2005, Rule 79 of 2007, Rule 49 of 2009, Rule 27 of 2011, Rule of 2013, Rule 40 of 2017)

2. Master's degree

Graduate program	Major	Discipline
Graduate School of Science	Mathematical Sciences	Science
	Physics	Science
	Chemistry	Science
	Biological Sciences	Science

3. Doctoral degree

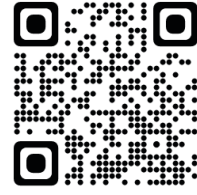
Graduate program	Major	Discipline
Graduate School of Science	Mathematical Sciences	Science
	Physics	Science
	Chemistry	Science
	Biological Sciences	Science

Appended Table 2 for Article 7

(Partial revisions of Rule 5 of 2013)

Classification	Application Date	Required Documents	Copies	Remarks
Degree under the provisions of Article 4	In principle, January 10 or July 31 (Each Graduate Faculty Council may determine the date separately.)	1. Degree application form 2. Thesis 3. Thesis summary 4. Unofficial transcript	1 1	Each School shall determine the required number of copies of the dissertation and its summary.
Degree under the provisions of Article 5, Paragraph 1	In principle, April 10 or October 31 (Each Graduate Faculty Council may determine the date separately.)	1. Degree application form 2. Dissertation 3. Dissertation summary 4. Unofficial transcript 5. List of research achievements 6. CV	1 1 2 2	Each School shall determine the required number of copies of the dissertation and its summary.
Degree under the provisions of Article 5, Paragraph 2	Unspecified	1. Degree application form 2. Dissertation 3. Dissertation summary 4. Bibliography of dissertation 5. List of research achievements 6. CV 7. Certificate of Items Stated in Resident Register	1 1 2 2 1	Specify the discipline prescribed in Appended Table 1 (Article 10) Each School shall determine the required number of copies of the dissertation and its summary.

For the regulations mentioned above, the latest and complete details are available on the Tokyo Metropolitan Public University Corporation Regulations Collection website: <https://www.houjin-tmu.ac.jp/kisoku/> (Japanese site)



Although the schedule for degree applications is specified in the Tokyo Metropolitan University Degree Rules, the application deadlines at the Graduate School of Science are January 10 or July 10 for master's degrees and December 10 or June 10 for doctoral degrees, in accordance with Article 2 of the Graduate School Rules of Tokyo Metropolitan University and the Detailed Rules of the Graduate School of Science Concerning Tokyo Metropolitan University Degree Rules.

Please note that these deadlines do not include weekends or holidays.

For the actual application periods, please refer to the notice on kibaco.

Academic Year 2026

Graduate Program Course Guide

Published on April 1, 2026

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