

**Admission Guidelines for the Academic Year 2019 for the  
World-leading INnovative Graduate Study Program (WINGS),  
Frontiers of Mathematical Sciences and Physics (WINGS-FMSP)  
[For Students Enrolled in the Master Course in April, 2019]**

The University of Tokyo conducts the World-leading *INnovative Graduate Study Program* (WINGS) that is Doctoral Programs cooperated by several graduate schools and institutes in order to foster doctoral personnel who contribute to human society with high research power and expertise. The Graduate School of Mathematical Sciences conducts the *Frontiers of Mathematical Sciences and Physics* (WINGS-FMSP) and recruits course students.

**Prospective profile of FMSP course graduates**

The key to innovation in sciences and society is the construction and renewal of the underlying mathematical theory. We aim to foster the next generation of mathematical science leaders who can create research areas that are centered on mathematics and spread in various sciences and deepen and create novel mathematical theories.

\* For details on the WINGS-FMSP course, see the website:

[http://park.itc.u-tokyo.ac.jp/MSF/FMSP\\_WINGS/](http://park.itc.u-tokyo.ac.jp/MSF/FMSP_WINGS/)

1. Application requirements

To apply for this program under the following guidelines, you must fulfill all of the requirements listed below.

- You must be a student at the University of Tokyo enrolled in the Master Course of one of the following eight Graduate Schools in April 2019 (\*1): Mathematical Sciences, Science, Economics, Frontier Sciences, Engineering, Information Science and Technology, Medicine, and Arts and Sciences, the University of Tokyo.
- You aim to acquire a PhD degree in fields related to mathematical sciences, in a broad sense of the term.
- You are interested in the social/industrial applications of science, and eager to actively learn about them.
- You fully understand the purpose of the WINGS-FMSP course, as well as its rules, such as course requirements.

- You intend to enroll in the Doctoral program at one of the above-listed eight graduate schools (\*2).
- You agree to apply for DC1/DC2 in the JSPS Research Fellowship for Young Scientists, and should you be accepted, you also agree to stay in the WINGS-FMSP course. (This requirement does not apply for government-sponsored foreign students.)
- You understand and agree to the fact that your PhD diploma will bear a note saying that you have completed the WINGS-FMSP course.

(\*1) You may not simultaneously apply for WINGS-FMSP program and another WINGS program.

(\*2) You may not enroll in the WINGS-FMSP program if you are planning to find business employment when you finish your Master's program.

## 2. Selection method

Selection will be based on the prospective students' application documents (Applicant Information, Research Proposal, Essay, Research Background, and Supervisor's Letter of Opinion), their scores in the graduate school entrance examination and their scores in the graduate course.

## 3. Enrollment period

New WINGS-FMSP course students will be enrolled in the program from October 1, 2019 to March 31, 2021. In February 2021, a Qualifying Examination will take place to select those to be permitted to stay on the program through their Doctoral years. Students who are selected will be enrolled in the WINGS-FMSP course up to March 31, 2024.

## 4. Grants

WINGS-FMSP course students receive a monthly grant of 150,000 JPY (subject to taxation\*1) in their master's program. The amount of a monthly grant for the first year in the master's program is 120,000 JPY and we decide by review in March 2020 whether the amount is increased to 150,000 yen from April 2020. A WINGS-FMSP student who receive grant from other sources is supposed to decline to receive the WINGS-FMSP grant, but still can be on the program.

Note that recipients of the grant are not allowed to receive other financial aids or

part-time job earnings. (For further information, contact the staffs in charge of WINGS-FMSP program at the Graduate School Office of each graduate school.)

(\*1) The WINGS-FMSP grant will count as miscellaneous income and will be taxed. You must file a tax return by March 15 of the following year. The WINGS-FMSP office will send you your necessary papers in January.

5. Seats available

Graduate School	Number of new students to be admitted
Mathematical Sciences Science Economics Frontier Sciences Engineering Information Science and Technology Medicine Arts and Sciences	12 (approximately)

6. Selection announcement and enrollment procedures

(1) The results of the admission selection will be posted in the WINGS-FMSP website Monday, September 2, 2019, around 13:00. The applicants will also receive their results by mail.

(2) Enrollment forms will be handed out at the Academic Affairs desk in each Graduate School Office, beginning when the selection results are announced. The enrollment forms will be mailed to the selected students upon request. Those who have been accepted must follow the enrollment guidelines and finish the necessary procedures (submitting their enrollment documents) by the deadline to be set in September. Those who fail to hand in the necessary documentation by the deadline will be treated as having declined to enroll in the WINGS-FMSP program.

## 7. Application procedures

### (1) How to apply

- a. Application documents must be either handed in directly, or sent in by postal mail.
- b. When mailing in your application documents, you must put all items indicated in (2) in one envelope, and send it from the post office by registered mail.
- c. The application period opens on Monday, June 24, and ends at 17:00 on Thursday, July 4, 2019. All mail-in applications must also arrive by Thursday, July 4.
- d. Applicants of the Graduate School of Mathematical Sciences should submit the documents to:

The WINGS-FMSP Program Desk, the Graduate School Office of the Graduate School of Mathematical Sciences, the University of Tokyo,  
Komaba 3-8-1, Meguro-ku, Tokyo 153-8914  
Phone: 03-5465-7053

### (2) Application documents

- a. The WINGS-FMSP course application form: Download the form from the WINGS-FMSP website and fill out the form.
- b. Supervisor's Letter of Opinion: Ask your supervisor at your current university to fill out the last page of the above form and seal it off before handing it to you
- c. A Reply Envelope: Write your name and address and affix an 82 JPY postage stamp on the envelope. (This will be used to send you your admission selection result.)
- d. Those wishing to receive their enrollment forms by mail when they have been admitted for selection should enclose an additional 140 yen's worth of stamps in their application documents. Those who do so will be given back their unused stamps if they are not selected for admission.

## 8. Notes

1. Only applications for which all of the necessary documentations are submitted by the deadline will be considered.
2. Under no circumstances may an applicant change the contents of their application, once it has been submitted.
3. There may be changes made to this guideline or the application procedure due to unforeseen reasons. In such cases, an announcement will be made for potential applicants.

4. The personal information made known to the WINGS-FMSP program through the application process will be used for the following purposes: (i) selection of WINGS-FMSP course students (application processing and selection), (ii) announcement of selected applicants, and (iii) enrollment procedures. For the selected applicants only, the information will further be used for administrative duties relating to: (i) academic affairs (e.g. registration, enrollment), and (ii) student support (e.g. employment assistance, tuition waiver applications).
5. A student who has made a false statement in their application, even after being selected to join the program, may have their status as a WINGS-FMSP student taken away from them retroactively.

[Last updated in: June 2019]