

This is an English version of the application guideline. If you would like to apply for it, please make contact in advance with a professor of our graduate school whose specialized field matches your research field. The list of professors can be found in our web page.

<http://www.math.kyushu-u.ac.jp/eng/teachers/index>.

2015
Graduate School of
Mathematics,
Kyushu University
Doctoral Course

Guideline for Special Screening of
International Students for
Admission in October, 2015



1. Department and number of students to be admitted

Department	Courses	Number of Students	Note
Department of Mathematics	Mathematics	A few	The number shall not exceed the quota for the department in the Graduate School of Mathematics.
	Functional Mathematics	A few	

2. Qualification for application

Applicants must be citizens of countries other than Japan with Status of Residence “Student” (including those who are expected to acquire this status after being admitted), and satisfy one of the following requirements:

(1) Those who hold or are to receive a degree equivalent to a Master’s Degree in countries other than Japan by September 30, 2015.

(2) Those who are evaluated to have an academic ability equal to or surpassing that of a holder of a Master’s Degree in a Preliminary qualification examination of the Graduate School (see the note below), and who will be 24 years old by September 30, 2015.

(Note) “(2) Those who are evaluated to have an academic ability equal to” applies to those applicants who do not satisfy (1), and who have completed a course at an educational institute equivalent to a graduate school.

(Note) Preliminary qualification examination for application

Applicants who qualify under (2) above must submit themselves to a Preliminary qualification examination for application. Such an applicant must submit the application form and other relevant documents to the Graduate Student Section of Graduate School of Integrated Sciences for Global Society by the deadline specified below, after receiving an approval from his/her prospective supervisor.

Applicants who have passed the qualification examination are qualified to take the entrance examination, and the application form and other relevant documents submitted by the applicants will be accepted.

Examination card and relevant documents will be sent to applicants after payment of the application fee is confirmed. The application documents submitted by those who have been judged as “not qualified” shall be returned.

- Application period for the Preliminary qualification examination for application: July 21 (Tue) to July 24 (Fri), 2015
- The result of the qualification examination will be notified to applicants promptly.

3. Documents to be submitted

- (1) Application form and Resume (use the form provided by the Graduate School)
- (2) Academic Transcript and Certificate of Completion (or expected completion) issued by the educational institution from which the applicant last graduated (copies not accepted)
- (3) Master's thesis (a copy is acceptable. If the thesis is written in a language other than Japanese or English, a summary of Master's thesis written in Japanese or in English must be attached. For applicants who cannot submit Master's thesis, submit documents of research achievement such as academic papers.)
- (4) Certificate of Japanese or English language ability
- (5) Copies of both sides of Resident Card or Residence Certificate (only for those living in Japan)
- (6) Application fee (30,000 yen). The Application Fee is not required for students who are currently Japanese Government MEXT Scholars.

Application fee must be paid either (1) at a convenience store or (2) by credit card after registering at the following website ("e-shiharai site", <https://e-shiharai.net/>). (Payment (1) at a convenience store is available only in Japan.)

For details of the payment method, please refer to "How to make the payment for the Application fee at a convenience store, by credit card, Union Pay or Alipay" on pages 7 and 8 of this guideline. The transfer fee should be covered by the applicant.

【(1) Payment at convenient stores】

Paste "入学検定料・選考料・取扱明細書 (Certificate of payment of Application fee)" on "『入学検定料・選考料・取扱明細書』貼付用台紙" (Form for submission of the Certificate of payment of Application fee) and submit it with other application documents.

【(2) Payment by credit card】

Submit the printed "Result" page with other application documents.

【Payment period】 July 21 (Tue), 2015 to July 31 (Fri), 2015

(Note) For inquiries regarding e-shiharai site such as the steps, applicants should check the information on the website (<https://e-shiharai.net/Syuno/FAQ.html>), "FAQ" or "Common questions", and if you have any further questions, please ask E-service support center directly.

- Application fee for those who intend to go on to the Doctoral Course of Graduate School of Mathematics from a Master's Course of Kyushu University is as follows.

Those who satisfy one of the following are exempt from application fee.

1. Those who will complete a Master's Course at Kyushu University in September, 2015 and intend to go on to the Doctoral Course of Graduate School of Mathematics.
2. Those who will complete the second year of 5-year doctoral course at Kyushu University obtaining the master's degree in September, 2015 and intend to go on to the Doctoral Course of Graduate School of Mathematics.

3. Those who will complete a professional degree course of a graduate school at Kyushu University in September, 2015 and intend to go on to the Doctoral course of Graduate School of Mathematics.
4. Under 3 requirements above, those who have completed a Master's Course within last one year and satisfy any of the following:
 - (1) Those who complete a Master's Course etc. during 2015 due to a leave of absence or study abroad.
 - (2) Those who complete a Master's Course etc. during 2015 due to the autumn enrollment.(Note) If it is difficult to be certain with the above information, please contact in advance with the Graduate Student Section of Graduate School of Integrated Sciences for Global Society.

- (7) Two photos of the applicant (taken within three months, 4cm × 3cm), should be attached to the application form.
- (8) A self-addressed and stamped (82 yen) envelope, for sending the examination card and other documents to the applicant. The envelope is not necessary for those who are research students of the Kyushu University. Applicants who take the Preliminary qualification examination for application are required to submit two envelopes.

(Note) Applicants who take the Preliminary qualification examination for application are required to submit the following documents in addition to the documents above.

- a. Research plan: two sets (One copy is acceptable. Write horizontally on A4 size papers with approx. 2,000 characters in Japanese or 1,300 words in English, about the applicant's intended research after entering the Graduate School.)
- b. Certificate of research history (prepared by the president or the dean of the educational institution from which the applicant last graduated).

(Notes for preparing documents)

- 1) Documents must be written either in Japanese or in English. (Documents prepared by word processors are acceptable.)
- 2) In case any of the documents are written in a language other than Japanese or English, attach Japanese or English translation.

4. Application period: July 27 (Mon) to July 31 (Fri), 2015

5. Application documents should be sent to:

Graduate Student Section, Graduate School of Integrated Sciences for Global Society,
Kyushu University, 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan

(Notes for submitting documents)

1. Write "Application form for Doctoral Course of the Graduate School of Mathematics enclosed" in red on the front of the envelope.

2. The application form and other related documents can be accepted in person at the office of the Graduate Student Section, Graduate School of Integrated Sciences for Global Society, from 8:30 a.m. to 5:00 p.m. on weekdays, except national holidays. When mailing the documents, use a registered mail and make sure the documents arrive before the deadline.

6. Screening process

Screening is based on documents submitted, and examination will be conducted if needed.

- (1) The examination consists of a written examination or an oral interview about specialized course, foreign language and Japanese language.
- (2) Details of the examination will be notified after the application documents are received.

7. Date of examination

August 26 (Wed), 2015

8. Place of examination

Graduate School of Mathematics, Kyushu University

744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan

(For details, see “Information” enclosed with the examination card.)

9. Announcement of screening result and enrollment procedure

- (1) Date and time: September 9 (Wed), 2015, 9:00 a.m.
- (2) Method of notification: The result will be posted on the bulletin board at the main entrance of the Graduate School of Mathematics of Kyushu University, and also surface mailed to all successful applicants. The application ID numbers of successful applicants will also be posted on the website of the Faculty of Mathematics (<http://www.math.kyushu-u.ac.jp/>) after 11:00 a.m. No direct inquiries about the result (such as by phone or by e-mail) will be accepted.
- (3) Procedure for enrollment: See the “Enrollment Procedure Guidelines” enclosed with the acceptance letter.
- (4) Admission fee, tuition: Admission fee: 282,000 yen (to be paid by the end of September, 2015)
Tuition: 267,900 yen (annual total 535,800 yen)

(Note) The amounts above are subject to change without prior notice.

Foreign students under Japanese Government MEXT Scholarship are not required to make the payments for the admission fee or for the tuition.

1 0. Brief description of the courses

The Doctoral course consists of two courses.

○ Mathematics Course

In Mathematics Course, students are to perform their own research in mathematics. The main goal is to become researchers and/or educators in mathematics. Those who complete this course will receive the degree of the Doctor of Philosophy in Mathematics.

○ Functional Mathematics Course

In Functional Mathematics Course, students are to acquire broader mathematical knowledge and to learn how to apply them to the real world. The goal is to become a person who can lead the future society by making use of expertise in mathematics, especially its logical thinking and general versatility. Those who complete this course will receive the degree of the Doctor of Philosophy in Functional Mathematics. Following are required as compulsory subjects.

1. Internship in Functional Mathematics

This is a long-term internship program (over 3 months), which is intended to understand how to leverage mathematics and how to attune themselves to the real world by undertaking work experience.

2. Special Lectures in Functional Mathematics

Researchers and technical experts who are working in the front lines of the mathematics fields give lectures.

※ Transfer between the above two courses is not allowed in principle.

1 1. Scholarship System for Doctoral Students

Kyushu University will provide 500,000 yen scholarships per year for 300 students with high grades who are in a doctoral program at Kyushu University.

Recipients of this scholarship must acquire the degree within standard term of the course. For further information, please contact the Graduate Student Section of Graduate School of Integrated Sciences for Global Society (E-mail: hbddaiga@jimu.kyushu-u.ac.jp).

1 2. Miscellaneous remarks

(1) Any documents submitted, such as application forms, will not be returned and screening fee will not be reimbursed.

(2) An admission may be cancelled, if there is any wrongdoing or misconduct related to application documents.

(3) For more details of the screening, please contact the address at the bottom of the next page.

(Additional Information: About Kyushu University Leading PhD Program in Mathematics for Key Technologies)

- The Program is a 5-year program, which aims to educate “Mathematics Navigators”, international researchers for the future of mathematics for industry.
- Transferring students from the first year of the doctoral course are also accepted.
- In addition to the standard curriculum of the master and doctoral courses in mathematics, all students are required to participate in an internship program abroad for about 6 months in the second year of the doctoral course. Furthermore, the students are to learn English and practical lectures, and to do collaborative researches with industry. Through these activities, the program aims to develop students’ skills necessary for international leadership.
- Those who participate in the program will be selected by an examination, after admission for the master program or the doctoral program in mathematics.
- Those who participate in the program and satisfy certain requirements will be provided with a scholarship.
- After completion, the certificate of completion of “Kyushu University Leading PhD Program in Mathematics for Key Technologies” will be conferred.
- Details are available on the website of the Faculty of Mathematics, Kyushu University.

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