

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**  
**(Master's Course, Doctoral Course)**

**Guideline for Special Screening of**  
**International Students for**  
**Admission in April, 2015**

Graduate School of Mathematics, Kyushu University

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

TEL: 092-802-4402

FAX: 092-802-4405



## Master's Course

### 1. Department and number of students to be admitted

Department	Courses	Number to be admitted	Note
Department of Mathematics	Mathematics	A few	The number will not exceed the quota of Department in Graduate School of Mathematics.
	MMA	A few	

**Mathematics Course:** Offers guidance on researches in Mathematics and Mathematical Sciences and on writing a Master's Thesis. Those who complete this course will be awarded a Master's Degree in Mathematics (Master of Mathematics).

**MMA (Master of Mathematics Administration) Course:** Admits students from a wide range of departments with mathematical requirements, and aims to train professionals with high mathematical abilities and with a broad outlook. Those who complete this course will be awarded a Master's Degree in Mathematics Administration (Master of Mathematics Administration)

### 2. Qualification for applicants

Applicants must have the nationality of countries other than Japan with a residence status of "College Student" (including those who are expected to acquire this status after being admitted) and meet one of the following requirements:

- (1) Those who have completed 16 years of formal education outside of Japan. (including those who are expected to complete such education by March 31, 2015.)
- (2) Those who have completed 15 years of formal education outside of Japan and are recognized to have obtained all necessary credits with excellent academic records by the Graduate School.
- (3) Those who have recognized as having academic skills equivalent to a bachelor's degree by the faculty of Mathematics, through screening of eligibility admission, and who will be at least 22 years old by March 31, 2015.

(Note) "(3) ...by the faculty of Mathematics, through screening of eligibility admission,..." applies to those applicants who do not satisfy (1) or (2), and who have completed courses at an institution equivalent to those of a university.

#### (Note) Preliminary screening of eligibility of admission

Preliminary screening will be done for applicants who meet (2) or (3) above. These applicants must submit relevant documents to Graduate Student Section of Graduate School of Integrated Sciences for Global Society by the deadline specified below, after getting permission from the prospective supervisor (in case of MMA course, the applicant must make contact with the Director of the Department of Mathematics.)

Applicants who passed the screening are qualified for the examination, and then their relevant documents such as application form are accepted.

Examination card and relevant documents will be sent to the applicants after the payment of application fee is confirmed. The application documents judged as “not qualified” will be returned.

○Application period: December 1 (Mon) to December 5 (Fri), 2014

○Announcement of the preliminary screening result: December 19 (Fri), 2014.

### 3. Documents to be submitted

- (1) Application form and Resume (only the form provided by the Graduate School is acceptable.)
- (2) Academic transcript, certificate of graduation (expected graduation) and recommendation letter issued by the institution that the applicant last graduated from. (No copies are acceptable.)
- (3) Certificate of Japanese language ability
- (4) Copies of both sides of Resident Card or Alien Registration Card (Only for those living in Japan)
- (5) 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 ① at convenience store or ② by credit card after registering to the following website (“e-shiharai site”, <https://e-shiharai.net/>). (Payment ① at convenience store is available only in Japan.)

For the detail of the payment method, please refer to “How to make the payment for the Application fee by credit card, Union Pay or Alipay” on page 12 of this guideline.

An Administrative Fee will be added to the Application Fee

#### 【(1)Payment at convenient stores】

Paste “入学検定料・選考料・取扱明細書(receipt of entrance fee and screening fee)” on “『入学検定料・選考料・取扱明細書』貼付用台紙(sheet for pasting the receipt)” and submit it with other application documents.

#### 【(2)Payment by credit card】

Submit the printed “Result” page with other application documents.

【Payment period】 January 9 (Fri), 2015 to January 23 (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 to E-service support center directly.

- (6) 3 photos of applicant (taken within 3 months, 5.5cm × 4.5cm, should be attached to the application form.)
- (7) A stamped envelope to send the examination card and documents such as examination schedule.

\*Not for applicants who belong to Kyushu University as research students.

The envelope must be attached 82 yen stamp and written applicant’s post cord, address and name on.

Applicants who take the preliminary screening are required to submit 2 envelopes.

**(Note)Applicants who take the preliminary screening are required to submit the following documents in addition to the documents above.**

- a. Research plan: 2 sets ( Copy is acceptable for one of them. Write horizontally on A4 size paper with approx.

2,000 characters in Japanese or 1,300 words in English about the plan you intend to research after enrolling.)

- b. Certificate of research history (issued by president or dean of your last graduated school.)

(Note for preparing documents)

- Documents should be written either in Japanese or in English. (Document typed by word processor is acceptable.)
- In case any of documents are written in a language other than Japanese or English, Japanese or English translation should be attached.

**4. Application period:** January 16 (Fri) to January 23 (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)

- I Write “Application form for Master’s Course of the Graduate School of Mathematics enclosed” in red on the front of the envelope.
- II The application form and other related documents shall be accepted from 8:30 a.m. to 5:00 p.m. on weekdays, except national holidays. When mailing the documents, use 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) Screening of Mathematics Course and MMA Course is conducted separately.
- (2) The examination consists of a written examination or an oral interview about specialized course, foreign language and Japanese language. .
- (3) Details of the examination will be notified after the application documents are accepted.

**7. Date of examination**

February 16 (Mon), 2015

**8. Place of examination**

Graduate School of Mathematics, Kyushu University  
744 Motooka, 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: February 20(Fri), 2015, 9:00 a.m.

The application ID numbers of successful applicants will also be posted on website of the Faculty of Mathematics (<http://www.math.kyushu-u.ac.jp/>) after 11:00 a.m.

(2) Announcement: The application numbers of successful applicants will be posted on the bulletin board at the main entrance of the Graduate School of Mathematics, Kyushu University, and also mailed to all successful applicants.

(3) Procedure for enrollment: See the “Enrollment Procedure Guidelines” enclosed with the acceptance letter.

(4) Admission fee, tuition: Admission fee 282,000 yen (must be paid by the end of March, 2015)

Tuition: 267,900 yen (annual total 535,800 yen)

(Note)The payment amounts above are subject to change without prior notice. New fees will be applied if changed.

International students under Japanese Government MEXT Scholarship are not required to make the payments.

## 10. About MMA Course

- MMA(Master of Mathematics Administration) is a Mathematics version of MOT, known worldwide as the technology version of MBA
- The aim of the MMA Course is to train professionals who understand the importance of foundational researches with mathematical background and who can carry out the coordination or the management of research developments with global viewpoints and a long-term outlook.
- A supervisor will be arranged for each student. During the 4 semesters, there will be seminars of 4 different themes conducted by different professors. Students will be required to regularly submit reports about the seminars, and they will be conducted by Teaching Assistants: in this way, the students will aim to develop high mathematical abilities and a wide range of outlook.
- Details can be found on the web site of the Graduate School of Mathematics, Kyushu University (<http://www.math.kyushu-u.ac.jp/eng/>)

## 11. 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.
- 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 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 program ( <http://www2.math.kyushu-u.ac.jp/leading/> )

## 12. Miscellaneous remarks

- (1) Any documents submitted such as application forms will not be returned and application fee will not be reimbursed.
- (2) If there is any wrongdoing or misconduct related to application documents, your admission will be withdrawn.
- (3) For more details of the screening, please contact:

Graduate Student Section, Graduate School of Integrated  
Sciences for Global Society, Kyushu University  
744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan  
TEL: 092-802-5787, 5786

## Doctoral Course

### 1. Department and number of students to be admitted

Department	Courses	Number to be admitted	Note
Department of Mathematics	Mathematics	A few	The number will not exceed the quota of Department in Graduate School of Mathematics.
	Functional Mathematics	A few	

### 2. Qualification for applicants

Applicants must have the nationality of countries other than Japan with “College Student” status of residence and meet one of the following requirements:

(1) Those who have received, outside of Japan, a degree equivalent to a Master’s Degree, or be a candidate to receive such a degree, by March 2015.

(2) Those who have recognized as having academic skills equivalent to a Master’s Degree or Professional Degree by the faculty of Mathematics through screening of eligibility admission, and who will be at least 24 years of age by March 31, 2015.

(Note) ”(2) ...by the faculty of Mathematics, through screening of eligibility admission,...” applies to those applicants who do not satisfy (1), and who have completed courses equivalent to graduate school.

#### (Note) Preliminary screening of eligibility of admission

Preliminary screening will be done for applicants who meet (2) above. These applicants must submit relevant documents to Graduate Student Section of Graduate School of Integrated Sciences for Global Society by the deadline specified below, after getting permission from the prospective supervisor.

Applicants who passed the screening are qualified for the examination, and then the relevant documents such as application form submitted by the applicants are accepted.

Examination card and relevant documents will be sent to the applicants after the payment of application fee is confirmed. The application documents judged as “not qualified” will be returned.

○Application period: December 1 (Mon) to December 5 (Fri), 2014

○Announcement of the preliminary screening result: December 19 (Fri), 2014

### 3. Documents to be submitted

(1) Application form and Resume (only the form provided by the Graduate School is acceptable.)

(2) Academic transcript and certificate of completion (expected completion) issued by applicant’s previous college or department. (No copies are acceptable.)

(3) Master's thesis (Copy is acceptable. If the thesis is written in a language other than Japanese or English, the summary of Master's thesis written in Japanese or English must be attached. Applicants who cannot submit Master's thesis are required to 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 Alien Registration Card (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 (1) at convenience store or (2) by credit card after registering to the following website ("e-shiharai site", <https://e-shiharai.net/>). (Payment (1) at convenience store is available only in Japan.)

For the detail of the payment method, please refer to "How to make the payment for the Application Fee by credit card, Union Pay or Alipay" on page 12 of this guideline.

An Administrative Fee will be added to the Application Fee

**【(1) Payment at convenience stores】**

Paste "入学検定料・選考料・取扱明細書(receipt of entrance fee and application fee)" on "『入学検定料・選考料・取扱明細書』貼付用台紙(sheet for pasting the receipt)" and submit it with other application documents.

**【(2) Payment by credit card】**

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

**【Payment period】** January 9 (Fri), 2015 to January 23 (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 to E-service support center directly.

○ Handling of application fee for those who intend to continue onto Doctoral Course of Graduate School of Mathematics after having completed Master's Course in Kyushu University is as follows.

Those who meet one of the followings are exempted from application fee.

1. Those who will complete Master's Course in Kyushu University in March, 2015 and intend to continue onto Doctoral Course of Graduate School of Mathematics.
2. Those who will complete the second year of 5-year doctoral course in Kyushu University being granted the master's degree in March, 2015 and intend to continue onto Doctoral Course of Graduate School of Mathematics.
3. Those who will complete a professional degree course of graduate school in Kyushu University in March, 2015 and intend to continue onto Doctoral course of Graduate School of Mathematics.
4. Under 3 requirements above, those who have completed master's course within one year and satisfy any of following.

(1) Those who complete master's course etc. throughout 2014 due to a leave of absence or study



abroad.

(2) Those who complete master's course, etc. throughout 2014 due to the autumn enrollment.

(Note) If it is difficult to be certain with above information, please contact in advance to Graduate Student Section of Graduate School of Integrated Sciences for Global Society.

(7) 3 photos of applicant (taken within 3 months, 5.5cm × 4.5cm, should be attached to the application form.)

(8) A stamped envelope (to send the examination card and documents such as examination schedule.)

\*Not for applicants who belong to Kyushu University as research students.

The envelope must be attached 82 yen stamp and written applicant's post card, address and name on.

Applicants who take the preliminary screening are required to submit 2 envelopes.

**(Note) Applicants who take the preliminary screening are required to submit the following documents in addition to the documents above.**

- a. Research plan: 2 sets (Copy is acceptable for one of them. Write horizontally on A4 size paper with approx. 2,000 characters in Japanese or 1,300 words in English about the plan you intend to research after enrolling.)
- b. Certificate of research history (issued by president or dean of your previous graduated school.)

(Note for preparing documents)

- 1) Documents should be written either in Japanese or in English. (Document typed by word processor is acceptable.)
- 2) In case any of documents are written in a language other than Japanese or English, Japanese or English translation should be attached.

**4. Application period:** January 16 (Fri) to January 23 (Fri), 2015

**5. Application documents should be sent to:**

Graduate Student Section, Graduate School of Integrated Sciences for Global Society,  
Kyushu University  
744 Motoooka, 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 shall be accepted from 8:30 a.m. to 5:00 p.m. on weekdays, except national holidays. When mailing the documents, use 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 accepted.

## 7. Date of examination

February 16 (Mon), 2015

## 8. Place of examination

Graduate School of Mathematics, Kyushu University

744 Motooka, 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: February 20 (Fri), 2015, 10:00 a.m.

The application ID numbers of successful applicants will also be posted on website of the Faculty of Mathematics after 11:00 a.m. (<http://www.math.kyushu-u.ac.jp/>)

- (2) Announcement: The application numbers of successful applicants will be posted on the bulletin board at the main entrance of the Graduate School of Mathematics, Kyushu University, and also mailed to all successful applicants.

- (3) Procedure for enrollment: See the “Enrollment Procedure Guidelines” enclosed with the acceptance letter.

- (4) Admission fee, tuition: Admission fee 282,000 yen (must be paid by the end of March, 2015)

Tuition: 267,900 yen (annual total 535,800 yen)

(Note)The payment amounts above are subject to change without prior notice. New fees will be applied if changed.

International students under Japanese Government MEXT Scholarship are not required to make the payments.

## 10. About Doctoral course

- Mathematics course

This course is to do research on mathematics theory in order to aim to be researchers or educators. Those who complete this course receive Doctor of Philosophy degree in mathematics.

- Functional Mathematics course

The aim of Functional Mathematics Course is to acquire broader mathematical knowledge and to learn how to attune them to the real world in order to participate actively in the future by taking advantage of expertise in mathematics, especially its logicality and general versatility.

Those who complete this course receive Doctor of Philosophy degree in functional mathematics.

Therefore, following practical subjects are required as compulsory subjects.

1. Practical training of Functional Mathematics

This is Doctoral Long-term Internship program (over 3 months).

It is intended to understand how to leverage mathematics and how to attune themselves to the real world by undertaking work experience.

2. Special lectures of Functional Mathematics

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

※ In principle, it is not allowed to change between the above courses.

On a particular occasion, academic committee will hold a council.

## 11. Scholarship System for Doctoral Students

We 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 with standard term of the course. For the further information, please contact to Graduate Student Section of Graduate School of Integrated Sciences for Global Society (E-mail: [hddaiga@jimu.kyushu-u.ac.jp](mailto:hddaiga@jimu.kyushu-u.ac.jp)).

## 12.(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 program ( <http://www2.math.kyushu-u.ac.jp/leading/> )

### **13. Miscellaneous remarks**

- (1) Any documents submitted such as application forms will not be returned and application fee will not be reimbursed.
- (2) If there is any wrongdoing or misconduct related to application documents, your admission will be withdrawn.
- (3) For more details of the screening, please contact:

Graduate Student Section, Graduate School of Integrated Sciences for Global Society, Kyushu University 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan Tel:092-802-5787, 5786
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