

Doctoral Program in Mathematics for International Students (2019)

Yau Mathematical Sciences Center, Tsinghua University

I. Program Overview

Yau Mathematical Sciences Center (YMSC) was founded in December 2009 by its director, Professor Shing-Tung Yau, who is one of the leading mathematicians in the world with numerous prestigious honors, such as Fields Medal, Crafoord Prize, Wolf Prize, and Marcel Grossman Award. YMSC is devoted to conducting frontier research in mathematics and related sciences, promoting exchange of mathematical conceptions and achievements, and improving mathematical research and teaching in China.

In 2019, YMSC will admit international students for its Doctoral Program in Mathematics. This program boasts diverse and distinguished faculty, who will help students expand specialization knowledge, explore and refine original creative thoughts, foster truth-seeking spirit and self-education, and nurture PhD students to be independent researchers with confidence, bravery and broad mind in mathematics and related inter-disciplinary fields.

The training plan, curriculum design, and teaching methodologies are as advanced as those of other world-class universities. This program offers rich core specialization courses of pure mathematics, applied mathematics and computational mathematics. In addition, YMSC has designed a great variety of frontier lectures for students to carry out state-of-the-art research and communicate with faculties and visitors. All program courses will be taught in English.

YMSC has intellectually stimulating academic atmosphere, active truth-seeking academic environment, and open academic tradition which values both teaching and learning. Tsinghua Sanya International Mathematics Forum (TSIMF), sharing the similar concept of Banff International Research Station and the Mathematical Research Institute of Oberwolfach, is a unique world-class mathematical forum in Asia built in Sanya, China, where international mathematicians and people who love mathematics come together for communication, innovation and development.

II. Qualification of Applicants

- 1、 The applicant must be non-Chinese citizen with a valid passport.
- 2、 The applicant should hold a Bachelor's Degree or a Master's Degree, or a degree equivalent to a Bachelor's Degree or a Master's Degree in China.
- 3、 The applicant should be in good health and character, well-behaved and willing to abide by China's laws, regulations as well as Tsinghua's rules.
- 4、 The applicant should have two academic recommendation letters from scholars who have the title of associate professor or higher, or senior professionals in a related academic field.

III. How to Apply

Applicants should complete the Online Application during the designated application period (listed below) on the website of the THU Graduate Programs Application System for International Students at <http://gradadmission.tsinghua.edu.cn>. Applicants should fill in the application information online, upload the application documents listed below to the online application system, and pay the application fee of RMB 800 online at the time of submission.

Application Schedule

1st Round: 8:00 AM Oct 15, 2018 — 17:00 PM Dec 15, 2018

2nd Round: 8:00 AM Jan 1, 2019 — 17:00 PM Mar 1, 2019

☆ The winter break of THU will be from Jan 24,2019 to Feb 20,2019. The application system will still be available during the winter break, but online verification might be delayed due to the vacation. Applicants are therefore recommended to complete their application at least two or three weeks in advance.

Application Documents

Please upload all listed documents below to the application system:

- 1、 Personal statement and a brief introduction of research experience.
- 2、 Degree certificate(s). A BSc recipient should submit the bachelor's degree certificate, and an MSc recipient should submit both the master's and bachelor's degree certificates. The applicant who is unable to graduate before the application deadline must provide the pre-graduation certificate of his/her current academic institute. In this case, the degree certificate shall be submitted before July 31, 2019.

3、 Academic transcript(s). A BSc recipient should submit an academic transcript of undergraduate study, and an MSc recipient should submit academic transcripts of both graduate and undergraduate studies. The applicant who has not graduated yet must submit the current academic transcript. In this case, the academic transcript shall be submitted before July 31, 2019.

4、 Two online academic recommendation letters. The applicant should submit recommendation letters from scholars with the title of associate professor or higher, or senior professionals in a related academic field. Please follow instructions on the online system for submission of online recommendation letters or upload the recommendation letters signed by references.

5、 Passport personal information page (personal and ordinary passport). (According to Article 3 of the Nationality Law of the People's Republic of China, any individual who was a Chinese national and then acquired a foreign nationality shall provide a Certificate of Cancellation of Chinese Household registration.)

Application Remarks

1、 Applicants are required to submit scanned images of all required documents at the time of application. All uploaded documents should be in Chinese or in English; otherwise notarized translations in Chinese or English should be submitted together with scanned images of original documents.

2、 Please scan the original or notarized application documents in color using a scanner. Documents images captured by mobile phone or camera are not acceptable. Copies are also not acceptable.

3、 YMSC has the right to request applicants to provide the original or notarized hardcopies of application documents for further qualification check if uploaded documents are not sufficient. Applicants should guarantee that all the information and application documents submitted in this application are authentic and accurate, otherwise, the admission will be disqualified.

4、 In principle, none of the above application documents will be returned.

IV. Evaluation and Admission

The admission process consists of document evaluation together with further examination. The admission committee will review the application documents and select applicants for further examination. The examination will be conducted by one of the following two methods: ①Interview Exemption; ②Interview (including online

interview). If an interview is required for admission, Teaching and Academia Office of YMSC will contact the applicant directly to set up an interview appointment, and provide information about the interview process.

Admission to this doctoral program is determined by YMSC according to the result of document review, result of interview, and other possible factors. THU has oversight of the whole process.

V. Financial Aids

S. -T. Yau Graduate Student Scholarship (S. -T. Yau GSS)

YMSC offers *S.-T. Yau Graduate Student Scholarship (S.-T. Yau GSS)* with a competitive package to support the study, academic activities and living expenses of students. The annual stipend/salary and research fund are comparable to those of other prestigious fellowships in the world.

Chinese Government Scholarship (CGS)

The full CGS covers tuition fees, living allowance, on-campus accommodation, and comprehensive medical insurance.

Qualified applicants are encouraged to apply to the dispatching authorities for overseas study or Chinese embassies/consulates in their home country. Please consult the Chinese embassy/consulate in advance, as the application schedule varies from country to country (usually from November to April prior to the beginning of study). For the contact information of Chinese embassies/consulates, please visit the website of the Ministry of Foreign Affairs of the People's Republic of China.

For more information about CGS, please visit the website of China Scholarship Council (CSC): <http://www.campuschina.org>

THU Tuition Scholarship

Tsinghua University offers *Tuition Scholarship* which covers full or partial tuition fee support with a duration of one academic year and could be applied year by year (competitive).

VI. Accommodation

Due to limited dormitory capacity, on-campus rooms can only be reserved for those who successfully apply for a dormitory room online. For Chinese Government Scholarship (full-scholarship) recipients, a dormitory on campus will be reserved by the University. Those who fail to apply for a dorm online have to find off-campus

accommodation independently.

Detailed information regarding THU life, accommodation, student activities, visas, and residence permit applications, as well as other useful information, is available at <http://is.tsinghua.edu.cn>

VII. Visa Application and Registration

Admitted students should bring their personal and ordinary passport, Certificate of Admission, Visa Application Form (JW202/JW201), and original Form of Physical Examination Record for Foreigners (as well as other original documents of physical examination) to the Embassy or Consulate of the People's Republic of China, and apply for a student visa (X1 visa). Students must enter China with an ordinary passport and X1 visa, and must apply for a Residence Permit within 30 days after arrival in China.

Students are required to arrive at THU (along with the required documents) and complete their university registration during the dates indicated in the Admission package. Students who intend to live in an on-campus dormitory shall apply for the room online during the dates specified in the university instructions.

Normally, registration is held in late August. All students should present the required original degree certificates, and submit the degree copies certified by degree conferring institutions or certification authorities upon registration at Tsinghua University for enrollment qualification review. Students who fail the enrollment qualification review will be disqualified from enrollment.

VIII. Costs (Unit: RMB Yuan)

- 1、 Application Fee: RMB 800
- 2、 Tuition Fee: RMB 40,000/year
- 3、 Accidental Injury and Hospitalization Insurance: RMB 600/year
- 4、 Accommodation on Tsinghua campus, Beijing:
RMB 80/day per person for single rooms and AB rooms, RMB 40/day per person for double rooms in student dormitories.

IX. Contact Information

YMSC Official Site: <http://ymsc.tsinghua.edu.cn>

Tsinghua Official Site: <http://www.tsinghua.edu.cn>

Email: ymsc_academics@mail.tsinghua.edu.cn

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