



DOCTOR OF PHILOSOPHY IN MATHEMATICS

KPT/JPS [N/461/8/0030] 03/27 [MQA/PA 12946]

DURATION OF STUDY

Full-time - minimum 3.5 years

Part-time - minimum 5 years

INTAKE

Beginning of every month

MEDIUM OF INSTRUCTION

English

ANNUAL FEE

RM 12,000 (Full scholarships available)

ABOUT THE PROGRAMME

The Mathematics and Applied Mathematics programme at Xiamen University (XMU), offered by the School of Mathematical Sciences (SMS), was introduced in 1923, among the first batch of programmes of XMU. The renowned mathematician, Chen Jingrun, once studied in this programme from 1949 until 1953. In the "2018 Best Universities for Mathematics" published by US News and World Report, XMU was ranked 81st globally, and 10th among the universities in China.

The discipline of mathematics of XMU has been ranked among the top 0.5% globally in Essential Science Indicators (ESI) since 2018, and the ranking has been improving every year. Currently SMS has 86 full-time faculty members. From 2015 to 2019, SMS has secured more than 120 research grants from the National Natural Science Foundation et al, amounting to RMB 55 million. Around 150 SCI journal papers were published by the School faculty every year. SMS also publishes the Journal of Mathematical Study, and jointly publishes the SCIE journal, East Asian Journal of Applied Mathematics, with Global Science Press. Benefiting from the cooperation with various universities around the world, it hosts more than 100 mathematicians to XMU annually. In 2019, TianYuan Mathematical Center in Southeast China was established in Xiamen University.

The PhD Programme in Mathematics in Xiamen University Malaysia is a continuation of the MSc programme which focuses on training students to become an industry leader, a researcher or an educator in the broad areas of mathematical sciences. The establishment of this programme is one of the initiatives of the university to train creative experts who possess a high level of technical and critical thinking skills.

PROGRAMME HIGHLIGHTS

- A comprehensive programme encompassing pure and applied mathematics, with flexibility in choosing the area of specialty
- An excellent team of faculty members from renowned universities from all over the world
- Good access to excellent educational resources of XMU
- Tight interaction and collaboration with the School of Mathematical Sciences in XMU
- A stepping-stone to a successful career in academia or industry

CAREER OPPORTUNITIES

- Lecturer/Professor
- Data Scientist
- Researcher
- Financial Analyst
- Chief Executive Officer
- AI (Artificial Intelligence) Engineer
- Statistician

The Department of Mathematics in Xiamen University Malaysia has a strong team of researchers graduated from renowned universities. The areas of expertise of the faculty members cover major areas in pure and applied mathematics. The department also has close interaction with the faculty members and students in SMS in main campus.



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Students and staff from faculty of Mathematics and Applied Mathematics, XMUM took group photo with actors in the drama "Goldbach's Conjecture" at XMU main campus.

Prof. Dr. Tan Shaobin (the fourth from the left), Dean of School of Mathematical Sciences, XMU visited Xiamen University Malaysia.



Students and staff from faculty of Mathematics and Applied Mathematics XMUM visited library of Xiang' An campus, XMU.



ENTRY REQUIREMENTS

- A Master's Degree in Mathematical Sciences; or
- Other qualifications equivalent to a Master's Degree that are accepted by the Senate; or
- A Bachelor's Degree with the following conditions:
 - Obtain a first class Bachelor's Degree or the equivalent; or
 - Obtain a minimum CGPA of 3.67 or the equivalent from an academic programme.

** For other equivalent qualifications, please consult our programme counsellor.*

STUDY MODE

This is a PhD degree by research. Students are required to complete three courses: Research Methodology, *Chinese 1 and *Selected Topics on China. There are no other courses, but students can attend graduate level courses in the MSc programme to reinforce their knowledge in specialized areas.

*Students with credits in Chinese courses in previous result slips (UPSR/STPM/UEC/A-Level/Foundation/Matriculation/Diploma/SPM/O-Level/HSK, etc.) can be exempted from Chinese 1 and Selected Topics on China.

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The information in this brochure is correct at the time of publication. Xiamen University Malaysia (XMUM) reserves the right to change the information in line with updates from time to time. Please check the website (www.xmu.edu.my) for latest information.

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