

PROGRAMME OVERVIEW

DEGREE PROGRAMME
BSc Financial Mathematics

AWARDING INSTITUTION
University of Liverpool, UK
Xi'an Jiaotong-Liverpool University, China

TUITION FEE
RMB 88,000 per year
All international, Hong Kong, Macao and Taiwan students who accept their offer and pay the deposit by 1st May 2018 will automatically qualify for a RMB 8,000 early bird discount.

PROGRAMME DURATION
3-4 years

SCHOLARSHIPS
Scholarships of up to 50% are available for international students. For details, please visit:
www.xjtlu.edu.cn/en/study-with-us/admissions/scholarships

INTERNATIONAL STUDENT ENTRY REQUIREMENTS

www.xjtlu.edu.cn/en/study-with-us/admissions/entry-requirements

ENTRY INTO YEAR ONE
We welcome applications from high-quality candidates in all subject areas with appropriate high school or equivalent qualifications. Students will normally be expected to have a high standing in their high school performance with a minimum "B" average in relevant subjects.

ENTRY INTO YEAR TWO
Students who have completed A-levels or International Baccalaureate (or equivalent) will be considered for entry into Year Two.

- A-level: BBB
- IB: 30 points
- SAT: high school diploma with a GPA of 3.0, plus three SAT subject tests of at least 600 in each subject or redesigned SAT 1280
- AP: high school diploma with a GPA of 3.0, plus three AP subjects at Grade 4 or above

HONG KONG, MACAO AND TAIWAN
Applicants from Hong Kong, Macao and Taiwan may also apply with the Joint Entrance Examination to Chinese Universities for Overseas Chinese Students and Students from Hong Kong, Macao and Taiwan, or the GSAT.

ENGLISH LANGUAGE REQUIREMENTS

YEAR ONE ENTRY	IELTS 5.5	TOEFL iBT 72
YEAR TWO ENTRY	IELTS 6.5	TOEFL iBT 90

The University reserves the right to modify programmes at any time in response to unforeseen circumstances, feedback and review. The University also reserves the right to not offer programmes with low enrolments. For the latest information, please visit our website.

HOW TO APPLY

www.xjtlu.edu.cn/en/study-with-us/admissions/how-to-apply

INTERNATIONAL, HONG KONG, MACAO AND TAIWAN

All international, Hong Kong, Macao and Taiwan applicants should apply via our online application system:

1. Choose your programme
2. Click/tap 'Apply' on the programme page
3. Create an account or log in to your existing account
4. Complete your application.

You may save and re-log in to your application form at any time and upload any remaining supporting documents.

We reserve the right to request additional documents or an interview to assess your academic qualifications.

CHINESE NATIONALS

You should take the National College Entrance Examination (Gaokao) and achieve a score above the Tier One threshold of your home province. You can then apply for XJTLU through the National College Application System at the first tier.

Comprehensive Evaluation Admission

XJTLU Comprehensive Evaluation Admission only applies to students in Jiangsu and Guangdong but will expand to other provinces in the future.

APPLICATION DEADLINE

30 June 2018

BSc

FINANCIAL MATHEMATICS

金融数学



金融数学

本专业旨在培养学生具备金融机构所需的专业数学知识和定量技能，重点训练学生将理论知识运用到金融实践中的能力。

专业特色

- 由来自不同院系的教授授课（数学科学系、西浦国际商学院和计算机科学与软件工程系）；
- 通过本专业的学习，你会获得专业的知识与技能，这些将有助于你获取国际认可的职业资格证书；
- 西交利物浦大学距离中国金融中心--上海仅80公里，学生可就近获得“世界500强”企业实习和工作的机会；
- 双学位：毕业生可获得由中国教育部批准的西交利物浦大学学位和国际认可的英国利物浦大学学位。

知识与技能

- 掌握计算数学和统计学的核心领域知识；
- 拥有较为完备的会计技能、金融及经济学知识；
- 能够定量分析现实中的金融问题。

就业

- 毕业生通常就职于金融、保险、证券、银行等行业；
- 毕业生可选择数学或金融领域进一步深造。



扫描二维码
获取更多专业信息

咨询邮箱
international@xjtlu.edu.cn (国际学生)
admissions@xjtlu.edu.cn (中国学生)

在线申请
www.xjtlu.edu.cn/zh/find-a-programme/undergraduate/financial-mathematics

BSc FINANCIAL MATHEMATICS

The BSc Financial Mathematics programme is designed to equip you with the specialist mathematical knowledge and quantitative skills that are required by many financial organisations. It focuses on the application of theories to financial practice.

DISTINCTIVE FEATURES

- You are taught by staff from various departments including Mathematics, International Business School Suzhou, and Computer Science and Software Engineering.
- You are trained and prepared for exams required for international certification and licencing.
- XJTLU'S location in Suzhou close to Shanghai, China's financial centre, provides you with the opportunity to undertake internships and work placements at Fortune 500 companies.
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.



SCAN THE QR CODE
TO VISIT THE
PROGRAMME
WEBSITE

GENERAL ENQUIRIES
international@xjtlu.edu.cn (International)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/financial-mathematics

CAREERS

BSc Financial Mathematics graduates with quantitative skills are in high demand and typically pursue careers in finance, insurance or banking. The programme also provides a strong basis for postgraduate study in the field of mathematics or finance.

KNOWLEDGE AND SKILLS

By the time you graduate, you will be able to:

- understand key areas of technical mathematics and statistics
- have a broader knowledge of accounting techniques, finance and economics
- be able to analyse real-world financial problems using quantitative methods.

MODULES

YEAR ONE

Year One provides you with a range of interesting modules, language classes and core skills for your degree. International students who meet academic and English language requirements may enter directly into Year Two, which is the start of the main academic programme.

YEAR TWO

You will be introduced to business, financial, mathematical and economic principles through the study of:

- ORGANISATIONS AND MANAGEMENT
- FINANCE
- FINANCIAL ACCOUNTING
- ECONOMICS
- MATHEMATICAL REASONING, LOGIC AND PROBLEM SOLVING
- STATISTICS
- FINANCIAL COMPUTING
- METHODS IN APPLIED MATHEMATICS

YEAR THREE

You will develop your knowledge of statistical theory and financial analysis and learn about:

- CORPORATE SOCIAL RESPONSIBILITY
- ECONOMETRICS
- SAMPLING AND HYPOTHESIS TESTING
- OPERATIONAL RESEARCH:
- PROBABILISTIC MODELS
- SECURITIES MARKETS
- FINANCIAL MANAGEMENT
- INTRODUCTION TO FINANCIAL MATHEMATICS
- STATISTICAL DISTRIBUTION THEORY

YEAR FOUR

- BUSINESS FINANCE
- RISK MANAGEMENT
- LINEAR STATISTIC MODELS
- FINANCE AND MARKETS
- ADVANCED ECONOMETRICS
- APPLIED PROBABILITY
- FINAL YEAR PROJECT



MATHEMATICAL SCIENCES STAFF

XJTLU

UNDERGRADUATE

DEPARTMENT OF MATHEMATICAL SCIENCES 数学科学系

The Department of Mathematical Sciences is committed to excellence in research and teaching, and mathematical and computational sciences are among the major research strengths of Xi'an Jiaotong-Liverpool University.

This is a lively and friendly department for undergraduate, postgraduate and research students and has a reputation for student achievement and success. Our academic staff are internationally recognised for their high-quality research output in a number of areas of modern mathematics.

数学科学系致力于高端研究与教学，我系的数学和计算机科学研究是西交利物浦大学的研究强项之一。

数学科学系招收本科生、硕士研究生与博士研究生，它充满活力、氛围融洽，学生取得多项骄人成就与成绩。在众多现代数学研究领域，我系学术人员的高水准研究成果获得了国际认可。

XI'AN JIAOTONG-LIVERPOOL UNIVERSITY 西交利物浦大学

Xi'an Jiaotong-Liverpool University is the largest international joint venture university in China, combining the best of East and West, awarding English-taught University of Liverpool degrees.