



University of Kentucky

Mathematics

math.as.uky.edu

ABOUT THE UNIVERSITY OF KENTUCKY

The University of Kentucky is home to more than 70 nationally ranked programs, including more than 25 programs in the top 20. This major public research university consistently ranks among the top institutions for quality and value in the U.S. In addition, the University of Kentucky's diverse student population represents 117 countries, every state in the US, and every county in Kentucky.

MATHEMATICS DEGREE

The Mathematics major is offered as a Bachelor of Science or Bachelor of Arts degree and prepares students in pure and applied mathematics. The study of mathematics is challenging and rewarding, as well as logical and creative and our Mathematics Department offers courses in varying fields such as Number Theory, Calculus, Calculus with Life Science Applications, Matrix Algebra and its Applications, Introduction to Computer Programming, Numerical Methods, Probability, Statistical Theory, Applied Mathematics, Combinatorics and Graph Theory, and Differential Equations. A Mathematical degree from the University of Kentucky will prepare students in career opportunities including:

- Actuary
- Computer Programmers
- Computer Systems Analyst
- Teachers
- Climate Analyst
- Professors
- Claims Adjusters
- Research Scientists
- Forensic Analysts
- Air Traffic Controllers
- Bankers
- Economists

STUDENT SUPPORT RESOURCES

- A&S Liaison to assist with questions and support while at UK. Contact: Megan Koshurba (WeChat: Meko225).
- The University of Kentucky has an experienced Chinese alumnus who will personally assist all students (at no charge) with the application process and provide personal guidance to all students.
- Professional advisors assigned to all students to help students determine degree requirements.
- Students who wish to enhance their English speaking and reading abilities have the opportunity to enroll in English intensive courses to better their knowledge of the language.
- International Center provides support to Chinese students while attending the University of Kentucky and beyond.
- A well-established and award winning Confucius Institute.

SCHOLARSHIP OPPORTUNITIES

- All students participating our partnership with an Arts & Sciences major will be awarded the Arts & Sciences International Excellence Scholarship in the guaranteed amount of \$1,000 during their undergraduate studies.
- All students are eligible for consideration for the University of Kentucky transfer student scholarship. Please see <http://www.uky.edu/financialaid/scholarship-transfer-students> for scholarship details and application information. The deadline for receipt of admission application, transcript, and scholarship application is normally in early June. Contact us for the exact deadline.
- The College of Arts & Sciences offers scholarships housed in the Dean's Office. Please see <https://www.as.uky.edu/scholarships> for information about these scholarships along with the online application. There is only one application for all the scholarships and you are placed in the candidate pool for any scholarship you qualify for.



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数学专业

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肯塔基大学简介

肯塔基大学开设70多个全美排名领先的学位课程，其中超过25个位列前20名。作为一所主要的公立研究型大学，肯塔基大学在美国大学的教学品质和性价比方面名列前茅。除此之外，肯塔基大学的学生群体多元，学生们来自全球117个国家，美国50个州和肯塔基州的120个县。

数学专业

数学专业以理科学士学位或文科学士学位授予，旨在培养在纯数学和应用数学领域的专业人才。数学学习是一个挑战重重又收获颇丰的过程，兼具逻辑性和创造性。我们数学系的课程涉及多个领域，如：数论、微积分、生命科学应用微积分、矩阵代数及其应用、入门计算机编程、数值方法、概率、应用数学、组合学和图论以及微分方程。肯塔基大学数学专业毕业生的就业方向包括：

- 精算师
- 计算机程序员
- 计算机系统分析员
- 教师
- 气候分析师
- 教授
- 保险索赔理算员
- 研究科学家
- 法医分析员
- 航空管制员
- 银行家
- 经济学家

学生支持资源

- 文理学院联络员会协助解答问题和在校期间提供支持。联络员：Megan Koshurba（微信号：Meko225）。
- 肯塔基大学经验丰富的中国校友会在申请过程当中帮助所有学生并提供个人指导建议（无偿）。
- 所有学生均分配一位专业指导顾问，帮其决定自己的达到学位要求课程。
- 希望提高英语口语和阅读能力的学生可以参加英语强化课程以增强语言能力。
- 国际中心为中国学生在肯塔基大学就读期间和其他方面提供支持。
- 还有一所完善成熟的著名孔子学院作为强大后盾。

奖学金

- 所有选择我们与文理学院联办专业的学生在本科学习期间均会获得1000美元的文理学院国际卓越奖学金。
- 所有学生都有资格参加肯塔基大学转学奖学金的评选。奖学金具体内容和申请信息请见<http://www.uky.edu/financialaid/scholarship-transfer-students>。入学申请、成绩单和奖学金申请书接收截止日期一般在6月初。请联系我们咨询实际截止日期。
- 文理学院奖学金由院长办公室管理。奖学金具体内容和申请信息请见<https://www.as.uky.edu/scholarships>。所有奖学金，一次申请即可；申请后你将入选符合资格的奖学金。