

MATHEMATICS AND STATISTICS

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Emeriti Faculty:

George Phillip Barker, Larry Q. Eifler, James M. Foran, James H. Gillilan, Shirley A. Hill, Thomas P. Kezlan, Paul W. Liebnitz Jr., Bennie J. Pearson, Elbert M. Pirtle Jr., Hristo Voulou, Bruce R. Wenner

Professors:

Kamel Rekab, Liana Segal

Associate Professors:

Eric Hall, Majid Bani-Yaghoub

Associate Teaching Professor:

Nadeesha Mawella

Teaching Professor:

Richard Delaware

Assistant Teaching Professor:

John Sawatzky

Assistant Professors:

Shuhao Cao, Bowen Liu, Qiao Zhuang

Lecturers:

Kristin Kathman

Description

Mathematics and Statistics offers coursework leading to the Bachelor of Arts and Bachelor of Science degrees in Mathematics. At the graduate level, the program offers a Master of Science degree in Mathematics and a Master of Science degree in Statistics, and participates in the UMKC School of Graduate Studies Interdisciplinary Ph.D. program. Qualified students can select Mathematics as the coordinating unit or a co-discipline when applying for admission or preparing their plans of study. See the School of Graduate Studies (<https://catalog.umkc.edu/colleges-schools/graduate-studies/mathematics/>) section in the Graduate Catalog for more information about the Ph.D. program.

These programs are designed to develop the student's own knowledge of mathematics or statistics, and to provide the tools and understanding necessary for the study of other scientific and quantitative fields.

Mathematics and Statistics has an institutional membership in the American Mathematical Society.

Library Resources

In addition to UMKC's Miller Nichols Library, the department has full access to the holdings and services of the Linda Hall Library of Science and Technology (<http://www.lindahall.org>), a privately endowed institution of international prominence. The Linda Hall Library subscribes to more than 700 mathematics journals and maintains a large and growing collection of mathematics books.

Faculty

Majid Bani-Yaghoub^{2,3}; assistant professor of mathematics; Ph.D. (Carleton University, Canada).

Shuhao Cao; assistant professor of mathematics; Ph.D. (Purdue University).

Richard Delaware¹; teaching professor of mathematics; B.S. (Santa Clara University); M.A. (University of Kansas); Ph.D. (University of Missouri - Kansas City).

Eric J. Hall^{2,3}; associate professor of mathematics; B.A. (Carleton College); Ph.D. (University of Michigan).

Kristin Kathman; lecturer in mathematics; B.S., M.S. (University of Missouri - Kansas City).

Bowen Liu; assistant professor; Ph.D. (University of Nevada-Las Vegas).

Nadeesha Mawella; associate teaching professor; Ph.D. (Kansas State University).

Kamel Rekab^{2,3}; professor of statistics; M.S. (Stanford University); Ph.D. (University of Michigan).

John Sawatzky; assistant teaching professor; Ph.D. (University of Waterloo)

Liana Segă^{2,3}; associate professor of mathematics; B.S. (University of Bucharest, Romania); Ph.D. (Purdue University).

Qiao Zhuang; assistant professor of mathematics; BS (Shandong University, China); MS (Shandong University, China); PhD (Virginia Tech).

¹ Associate or Adjunct Graduate Faculty

² Members of UMKC Graduate Faculty

³ Members of UMKC Doctoral Faculty

Undergraduate

Bachelor of Arts: Mathematics and Statistics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/ba-mathematics-statistics/>)

Bachelor of Science: Mathematics and Statistics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/bs-mathematics-statistics/>)

BS/MS Dual Degree: Mathematics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/dual-bs-math-stats-ms-math/>)

BS/MS Dual Degree: Statistics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/dual-bs-math-stats-ms-stats/>)

Minor: Actuarial Science (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/minor-actuarial-science/>)

Minor: Data Analytics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/minor-data-analytics/>)

Minor: Mathematics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/minor-mathematics/>)

Minor: Statistics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/minor-statistics/>)

Graduate

Master of Science: Mathematics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/master-of-science-mathematics/>)

Master of Science: Statistics (<https://catalog.umkc.edu/colleges-schools/science-engineering/mathematics-statistics/master-of-science-statistics/>)

PhD (Interdisciplinary) Mathematics (<https://catalog.umkc.edu/colleges-schools/graduate-studies/mathematics/>)

Doctor of Philosophy in Natural Sciences: Mathematics (<https://catalog.umkc.edu/colleges-schools/graduate-studies/mathematics/phd/>)