

Graduate Certificate in Applied Statistics

ONLINE

Admissions

Requirements for consideration by the Admissions Committee (These are in addition to the KUMC Office of Graduate Studies' general requirements.):

1. Online application: edwardscampus.ku.edu/apply (Applicants will need to designate three recommenders.)
2. Official transcript(s) mailed to:
University of Kansas - Department of Biostatistics & Data Science; 12600 Quivira Rd., Overland Park, KS 66213
or
Email to: stats_education@kumc.edu
3. Cumulative undergraduate GPA of 3.0 or better in a completed bachelor's degree. For applicants who do not meet this threshold, a petition may be submitted requesting an exception at the discretion of the department.
4. B average or higher in Calculus I and II courses (i.e., single variable differentiation and integration or equivalent) or STAT 655
5. Completion of any computer programming language course or demonstration of mastery via credentials or work experience
6. GRE preferred but not required

Application deadlines:

Spring: Jan. 1 | Summer: May 1 | Fall: Aug. 1

Career Outlook

With the rising emphasis on all-things-data in businesses and other organizations, so rises the need for statisticians and data scientists. The U.S. Bureau of Labor Statistics estimates a 34 percent growth in jobs for statisticians by 2024 and reports a current median salary of \$75,600 for statisticians and \$124,100 for data scientists. Organizations need them to harvest data and turn it into information and insights that drive actions and shape strategies.

The Graduate Certificate in Applied Statistics teaches students how to “ask the data” the right questions and find the answer. The program provides students with focused knowledge in statistical theory with an emphasis on application that allows them to make an immediate impact in their field and realize a more rewarding career.

Curriculum

This graduate certificate program can be completed entirely online. It requires 15 credits consisting of nine credits of required coursework and six credits of electives.

A student can complete all the requirements in one calendar year by taking two courses in each the fall and spring semesters and one course during the summer semester.

Required Courses | 15 credit hours

- STAT 823: Introduction to Programming and Applied Statistics in R
or
- STAT 820: SAS Programming I
- STAT 835: Categorical Data Analysis
- STAT 840: Linear Regression
- STAT 850: Multivariate Statistics
- STAT 830: Experimental Design
or
- STAT 880: Data Mining and Analytics

The Graduate Certificate in Applied Statistics is an academic partnership between the KU Edwards Campus and KU Medical Center Department of Biostatistics & Data Science.

Tuition & Financial Assistance

\$700 per credit hour
(includes tuition and fees)

Tuition and fees:
edwardscampus.ku.edu/tuition-fees

To maximize your financial aid options, apply for admissions by November 1 (Spring) or May 1 (Fall/Summer) and complete your FAFSA by December 1 (Spring) or June 1 (Fall/Summer).

Financial assistance:
edwardscampus.ku.edu/financial-aid-scholarships



Contact

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