

Graduate Certificate in Applied Statistics

ONLINE

Admissions

1. Online application: gograd.ku.edu/apply (Applicants will need to select "Medical Center Application" when prompted.).
2. Official transcript for bachelors degree-granting institution emailed to: stats_education@kumc.edu.
3. Contact information for three recommenders.
4. 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. International transcripts require a NACES.org member evaluation.
5. B average or higher in Calculus I and II courses (i.e., single variable differentiation and integration or equivalent) or STAT 655.
6. Completion of any computer programming language course or demonstration of mastery via credentials or work experience.
7. English proficiency test scores unless exempt or a native English speaker.
8. GRE optional.

Application deadlines:

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

KU THE UNIVERSITY OF KANSAS

Career outlook

With the rising emphasis on all things data in businesses and other organizations, the need for statisticians and data scientists, and salaries for those positions, continues to grow. Organizations need statisticians and data scientists to harvest data and turn it into insights that drive actions and shape strategies. KU's graduate certificate in applied statistics teaches students 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.

Salaries

Statistician

Median annual salary:
\$98,920

Data Scientist

Median annual salary:
\$103,500

Ranked in Top 100 Best Jobs

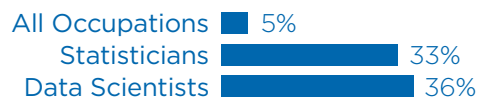
#6 Statistician*

#8 Data Scientist*

#1 Fastest Growing Tech Career: Data Scientist *

* U.S. News & World Report + Forbes

Projected Job Growth, 2021-2031



Bureau of Labor Statistics

edwardsampus.ku.edu/stats

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 Nov. 1 (Spring) or May 1 (Fall/Summer) and complete your FAFSA by Dec. 1 (Spring) or June 1 (Fall/Summer).

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



Contact

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