

Graduate Certificate in Applied Data Science

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

Extracting, refining, analyzing and delivering data has enormous value in today's Big Data boom. Companies seek employees with highly technical skills and actual hands-on Big Data experience. According to the Bureau of Labor Statistics, jobs in statistics-related fields, including data science, are projected to grow 33 percent by 2026, compared to a projected 7.4 percent average growth for all other careers.

KU's Graduate Certificate in Applied Data Science can help prepare you for a successful career in this high-demand field. Offered through the KU Medical Center, the certificate complements prior education or careers in business, finance, accounting, marketing, education, mathematics and health care. Take classes online to further your education on your schedule.

Curriculum

This 15-credit-hour program is a series of five courses designed to equip students with skills in statistical and computational methods for the acquisition and analysis of Big Data.

Required Courses | 15 credit hours

- STAT 823: Introduction to Programming and Applied Statistics in R
or
- STAT 820: SAS Programming I
- DATA 824: Data Acquisition and Visualization
- STAT 840: Linear Regression
- STAT 850: Multivariate Analysis
- STAT 880: Data Mining and Analytics
or
- DATA 881: Statistical Learning I

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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