

# Minor in Data Science

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The Data Science Minor gives students skills to support pursuing careers in data science and related fields. The Data Science Minor is a multidisciplinary undergraduate program that will provide students training in mathematics, computation, and statistics; data collection, management, description, and analysis; communication and project management; ethics; problem solving; and judgment and decision making.

This minor prepares students for a 21<sup>st</sup> century workforce where data analysis is critical to the functioning of society, science, business, and education. Upon completion of this minor, students will gain technical capabilities, enhanced critical and analytical thinking skills, and a well-developed skillset for coding, programming, managing, and interpreting data sets.

To explore more about data science offerings at KU, visit [data.ku.edu](http://data.ku.edu) and feel free to reach out with questions to [data@ku.edu](mailto:data@ku.edu).

## Requirements for the Minor

Code	Title	Hours
PSYC/POLS/ ECON/SOC 199	Data I: Dealing with Data	3
PSYC/POLS/ ECON 399	Data 2: Foundations of Data Science	3
or EECS 331	Introduction to Data Science	
PSYC 599	Data III: Data Management	3
PSYC 612	Data IV: Introduction to Machine and Statistical Learning	3
EECS 138	Introduction to Computing: _____	3
PSYC 500	Intermediate Statistics in Psychological Research	3
or SOC 380	Elementary Statistics and Data Analysis	
or ECON 526	Introduction to Econometrics	

## Minor Hours & GPA

While completing all required courses, minors must also meet each of the following hour and grade point average minimum standards:

### Minor Hours

Satisfied by 18 hours of minor courses.

### Minor Hours in Residence

Satisfied by a minimum of 9 hours of junior/senior (300+) hours of KU resident credit in the minor.

### Minor Junior/Senior (300+) Hours

Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor.

### Minor Graduation GPA

Satisfied by a minimum of a 2.0 GPA in all departmental courses in the Minor. GPA calculations include all departmental courses in the field of study including Fs and repeated courses. See the Semester/Cumulative GPA Calculator (<https://sis.ku.edu/gpa-calculator/>).