

Data Science and Analytics Minor

Program Description

The Data Science and Analytics minor prepares students to translate data into information to support and improve decision making in any discipline. This Minor has been developed to assist KSU students in three ways:

- Students will differentiate themselves in a competitive job market after graduation by learning knowledge and developing skills in advanced data science and analytics courses.
- Students can engage in undergraduate research, internships, and/or cooperative study, strengthening their employability after graduation.
- Students can also prepare for graduate degrees in computational, analytical, business, or professional fields.

The minor welcomes students from any major at KSU and is especially relevant to students who are looking for an applied analytical skill set to add to their knowledge from their chosen major.

Pre-requisite: STAT 1401 or ECON 2300 or STAT 3125 or STAT 2332 or MATH 3332

- Students can officially declare the minor in OWLExpress after enrolling in DATA 3010.



This program is a part of the College of Computing and Software Engineering.

Admission, Enrollment, and Graduation Policies

Admission Requirements

This program does not have specific admission requirements and only Admissions to Kennesaw State University is required.

Graduation Requirements

Each student is expected to meet the requirements outlined in the Academic Policies: 5.0 PROGRAM REQUIREMENTS & GRADUATION.

Program Course Requirements

Required Courses (9 Credit Hours)

- DATA 3010: Computer Applications of Statistics

Select One of the Following:

- IET 2227: Probability and Statistics I
- ISYE 2600: Probability and Statistics I
- PSYC 3000: Statistical Applications in Psychological Science
- STAT 3120: Statistical Methods I
- STAT 3125: Biostatistics

Select One of the Following:

- IET 3403: Probability and Statistics II
- ISYE 3600: Probability and Statistics II
- STAT 3130: Statistical Methods II

Electives (6 Credit Hours)

Select two of the following:

- IS 4540: Data Mining
- Any 4000 level DATA or STAT course

One of the two upper-division electives may consist of 3 credit hours from either:

- DATA 3396: Cooperative Study
or
- DATA 3398: Internship

Program Total (15 Credit Hours)