APPLIED DATA SCIENCE IN THE SOCIAL SCIENCES, MICROCREDENTIAL

The Applied Data Science Microcredential from Saint Louis University provides students with the knowledge to do data analysis in the social sciences. Students in this SLU program will learn how to wrangle data sets and use standard statistical and visualization tools to work with data in an applied setting.

Admission Requirements

For current, active Saint Louis University students wishing to declare a microcredential, complete the Update for Student Curriculum Record form (https://ask.slu.edu/TDClient/30/Portal/Requests/ServiceDet/?ID=160).

For non-Saint Louis University students, click here to apply as a Visiting/Non-Degree Seeking Student. (https://www.slu.edu/admission/visiting-students.php)

Learning Outcomes

• Students will develop an applied understanding of fundamental statistical techniques using 'R' statistical programming.

• Students will analyze data in 'R' provided by the instructor or gathered by the student to develop an argument about a social or psychological phenomenon.

• Students will create analytical projects in each course of the microcredential that require data science techniques to answer social and psychological questions.

Requirements

Code	Title	Credits
STAT 2300	Intermediate Statistics	3
Take two of the following three courses:		6-7
STAT 1300	Elementary Statistics with Computers	
PSY 2050	Foundations of Research Methods and Statistics	
SOC 2010	Statistics and the Social World	
Total Credits		**9-10**

Continuation Standards

Students are required to maintain a cumulative GPA of 2.00, with grades of C or better in all courses. Students who do not achieve the "C" or better grade in a required course will be expected to repeat the course in an attempt to achieve the "C" or better grade. Students may repeat a required course one time. Failure to achieve the "C" or better grade after one repeat attempt will be dismissed from the Microcredential.

Contact Us

For additional information about this program, please contact mathstat@slu.edu or call 314-977-2444.