

# Social Science Analytics

## Chair, Department of Political Science

Julianna Pacheco

## Coordinator, Social Science Analytics

Frederick J. Boehmke (Political Science)

### **Undergraduate certificate:** social science analytics

The growth of big data and informatics calls for a new set of skills for social science students and an increased understanding of the logic of data collection and analysis. The certificate focuses on the application side of data analysis. It allows students to focus on the specific research methods and data-driven quantitative skills that are most effective for understanding an increasingly complicated social-political world. The certificate offers an opportunity for interdisciplinary training on how data can be used to address important questions in the social sciences.

The Certificate in Social Science Analytics is interdisciplinary, and a number of departments collaborate to leverage distinct strengths and offer courses applicable to the certificate, including the School of Earth, Environment, and Sustainability and the departments of Political Science, Sociology and Criminology, and Statistics and Actuarial Science. The certificate is administered by the Department of Political Science.