The University of Texas at Dallas

# School of Economic, Political and Policy Sciences

Master of Science in Social Data Analytics and Research

## Curriculum

The Master of Science in Social Data Analytics and Research builds on faculty expertise in criminology, economics, geospatial information sciences, political science, public and nonprofit management, public policy, political economy and sociology to equip individuals with multi-disciplinary skills in social data production, collection and analysis for which there is increasing career demand by government, nonprofit and private sector organizations, and by doctoral programs and other advanced research institutions.

Graduates in the program acquire proficiency in:

- Social science research design and evaluation, including quantitative and qualitative approaches.
- Quantitative and qualitative data discovery and analysis methods, including understanding and analyzing large data sets.
- Harnessing capabilities to help government, nonprofit and private sector organizations as they address pressing societal issues on both local and global scales.
- Interpreting core theories and philosophical dimensions of social science practice, and promoting ethical use of social science methodologies.
- Justifying the importance of applied social science in helping to shape public policy and action.
- Building successful career paths in diverse fields that rely upon social data analytics and research.

## Career Options

Graduates seek varied positions, including: data analyst/scientist, data mining specialist, database manager, statistician, program evaluation analyst, decision support analyst, research analyst, opinion polling statistician, community intelligence expert and information resource analyst.

## Degree Program

Students must complete 36 credit hours to earn a Master of Science in Social Data Analytics and Research. This includes:

- 15 semester credit hours of required core courses in research design, data collection/production and statistical analysis.
- 12 semester credit hours of prescribed analytics electives focusing on one of: data collection, production and management, quantitative methods, qualitative methods, design and evaluation or spatial analytics.
- 9 semester credit hours of prescribed disciplinary electives focusing on one of: criminology, economics, geospatial information sciences, political science, public and nonprofit management, public policy, political economy or sociology.

All students must achieve at least a 3.0 grade point average in all coursework to graduate. For complete admission and degree requirements, view the Graduate Catalog at **catalog.utdallas.edu**.

## Contact Information


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