Research Methods and Statistics

Available Degrees

**MA**
The Master of Arts in Research Methods and Statistics gives students the skills they need to be on the leading edge of research design and data analysis, areas of growing importance in organizational decision-making and leadership.

**Requirements**
45 credit hours and successful completion of a comprehensive exam or thesis and an evaluation practicum

**Completion**
1 to 2 years

**PhD**
The PhD program is designed for individuals interested in pursuing a career in academics as a professor and/or researcher or to design and conduct research and analyze data.

**Requirements**
90 quarter credit hours and successful completion of a research practicum, comprehensive exam, and dissertation

**Completion**
3–7 years

Our Research Methods and Statistics program is designed to equip students with cutting-edge research skills to make a difference in fields related to the social and health sciences. With an experienced faculty committed to shaping a safe, sustainable, democratic, and just world through high-quality research, students gain the skills necessary to conduct and supervise effective social and health science research.

PhD students can choose to specialize in two concentrations: applied statistics and institutional research. The Applied Statistics concentration emphasizes knowledge in advanced statistics such as hierarchical linear modeling, structural equation modeling, latent growth curve modeling, Rasch modeling, and propensity score analysis. This concentration targets professionals with career goals in academia or applied research settings.

The Institutional Research concentration provides institutional researchers with strong quantitative, qualitative, and mixed research methods skills to be utilized in a range of fields. Students specialize in higher education or library information science and take institutional research content knowledge courses in management, business intelligence, and public policy. This concentration targets professionals with career goals in institutional research in applied settings including higher education, K-12 schools, non-profits, government settings, and business.

Linking Innovative Classroom Knowledge With Real World Experiences
The Morgridge College of Education is one of the premier colleges of education in the country, preparing students for meaningful careers in education, psychology, information science, and research.

Learn more at morgridge.du.edu.