

Department of Statistics

www.ndsu.edu/statistics

Statistics involve the analysis of numerical data. This ranges from the calculation of simple statistics to the mathematical theory behind very sophisticated statistical procedures. Professionals in areas such as agriculture, pharmacy, business, human development, sports, and the social sciences use statistical tools.

There are excellent job opportunities in statistics. A statistician may:

1. consult in the design and analysis of clinical studies, evaluating new pharmaceutical agents;
2. serve as an opinion pollster for a public relations firm or a television network;
3. conduct reliability and quality control studies in various industries;
4. among others.

Statisticians work closely with other scientists and researchers to develop new statistical techniques, adapt existing techniques, design experiments and direct analyses of surveys and retrospective studies.

Statistics (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/undergraduate/colleges/science-mathematics/statistics/statistics>)

Statistics and Mathematics (http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/undergraduate/colleges/science-mathematics/statistics/mathematics_statistics) (includes Pre-Actuarial option)

Behavioral Statistics (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/undergraduate/colleges/science-mathematics/statistics/behavioral-statistics>)