What can I do with my Major?

STATISTICS

UCONN DEPARTMENT: Statistics
To learn more about this major check out the department website or schedule a meeting with an academic advisor.

NATURE OF WORK
Statistics deals with the collection, analysis, and presentation of numerical data by way of mathematical theories. If valid, this information is used to help various agencies, industries, and researchers determine the best ways to produce results in their work. This data is then examined and determined to be reliable and useful or invalid. In order to make valid interpretations possible, statisticians advise on sampling techniques, data collection methods, survey design/methodology, and methods of data analysis. Theories such as probability and inference are examined to discover the mathematical bases for new and/or improved methods of obtaining and evaluating numerical data.

Statistics prepares graduates with transferable skills and qualities that can be beneficial in a variety of industries and careers.

UCONN RESOURCES
Department of Statistics
Math Club
Q Center
Women in Math, Science and Engineering

PROFESSIONAL ASSOCIATIONS & ADDITIONAL RESOURCES
Be An Actuary-Information on
Careers in Actuarial Science
Institute of Mathematical Statistics
International Association for Statistical Education
International Biometric Association
International Statistical Institute
Society for Industrial and Applied Math
The Biometric Society
We Use Math-Information on Careers in Math

Sample Job Titles
Visit O*Net and conduct an Occupation Quick Search of each job title to learn more about that career path.

Accountant
Actuary
Aerospace Engineer
Appraiser
Benefits Administrator
Biometrician/Biostatistician
Budget Analyst
Claims Adjuster
Computer Programmer
Computer Test Specialist
Contract Administrator
Cost Estimator/Analyst
Cryptographer/Cryptologist
Data Analytics Associate
Econometrician
Environmental Statistician
Foreign-Exchange Trader
Information Scientist
International Trade Specialist
ISO 2000 Specialist
Mathematician
Numerical Analyst
Operations Research Analyst
Public Health Statistician
Psychometrist
Quality Assurance Analyst
Research Analyst
Risk & Insurance Specialist
Robotics Programmer
Sports Statistician
Statistical Software Support Statistician
Stock Analyst
Supply Chain Analyst
Technical Writer
Underwriter

A liberal arts and sciences education develops critical thinking, written and oral communication, versatility and problem solving skills, which are valuable in any career and will help students adapt to an ever-changing world.