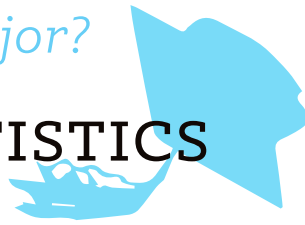


What can I do with my Major?



MATHEMATICS-STATISTICS

UCONN DEPARTMENT: Mathematics

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 using mathematical ideas. The information a statistician provides helps researchers, companies, and industries draw reliable inferences from the data they collect. Statisticians advise on sampling techniques, data collection methods, survey design/methodology, and methods of data analysis. Using probability theory and statistical models, a statistician can discover new and/or improved methods of obtaining and evaluating numerical data.

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

UCONN RESOURCES

Q Center
Research Exposure and Education
Development in STEM (REEDS)
UConn Math Club
Women in Math, Science, and
Engineering (WiMSE)

[Additional organizations \(and the most current information\) can be found at the UConn Student Activities website.](#)

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.

PROFESSIONAL ASSOCIATIONS & ADDITIONAL RESOURCES

American Mathematical Society
American Statistical Society
International Statistical Institute
Institute of Mathematical Statistics
International Association for Statistical Education
Mathematical Association of America
National Council of Teachers in Mathematics
Society for Industrial and Applied Mathematics

Job Boards

Banking Jobs
Insurance Jobs
Financial Jobs
Math Jobs

SAMPLE JOB TITLES

Visit [O*Net](#) and conduct an Occupation Quick Search of each job title to learn more about that career path.

Accountant
Analyst
Appraiser
Bank Examiner
Biometrician/Biostatistician
Budget Analyst
Controller
Cost Estimator/Analyst
Data Analyst
Demographer
Econometrician
Environmental Statistician
Financial Auditor
International Trade Specialist
Investment Banker Risk Analyst
Inventory Control Specialist
IRS Investigator
Mathematician
Market Analyst
Math Teacher
Numerical Analyst
Operations Research Analyst
Pension Actuary
Public Health Statistician
Product Management Analyst
Quality Assurance Analyst
Research Analyst
Risk & Insurance Specialist
SAS Business Analyst
Securities Broker
Senior Technical Advisor
Software System Consultant
Software Support Specialist
Sports Statistician
Statistical Service Manager
Statistician
Statistical Consultant
Technical Writer
Treasurer Trust Analyst
Underwriter