

WHAT CAN I DO WITH A MAJOR IN: STATISTICS

**Career Center for Science and Engineering
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What Activities Could Statistics Majors Do?

Statistics is the scientific application of mathematical principles to the collection, analysis, and presentation of numerical data. Statisticians contribute to scientific inquiry by applying their mathematical and statistical knowledge to the design of surveys and experiments; the collection, processing, and analysis of data; and the interpretation of the results. Statisticians may apply their knowledge of statistical methods to a variety of subject areas, such as biology, economics, engineering, medicine, public health, psychology, marketing, education, and sports. Many economic, social, political, and military decisions cannot be made without statistical techniques, such as the design of experiments to gain Federal approval of a newly manufactured drug.

What Industries Could Statistics Majors Explore?

Agriculture	Epidemiology	Management Consulting	Government
Banking	Financial Services	Manufacturing	Public Health
Biostatistics	Higher Education	Marketing	Quality Improvement
Computer Information Technology	Insurance	Pharmaceuticals	Research
Clinical Trials	Law	Product Reliability	Sports
Ecology/Environmental Research	Database Marketing	Environmental Consulting	Insurance

What Employers Hire Statistics Majors?

ACT Incorporated	Merck Research Laboratories	Internal Revenue Service	Johnson & Johnson
Aerospace Corporation	Educational Testing Service	Law School Admission Council	Pfizer
Apple Computers Corporation	Eli Lilly and Company	Lucent Technologies	U.S. Census Bureau
Cargill, Incorporated	Forest Research Institute	U.S. Department of Defense	Mayo Clinic
Federal Bureau of Investigation	Accenture	Braun Technology Group	Cypress Semiconductor
Epic Systems	Integrated Decisions & Systems	Intel	Towers Perrin

What Are Some Full-Time Job Titles For Statistics Majors?

Actuary	Financial Advisor	Mathematician	Statistician
Database Administrator	Financial Analyst	Market Researcher	Survey Researcher
Economist	Insurance Underwriter	Research Analyst	Account Assistant
Analytical Statistician	Associate Scientist	Consultant	Digital Analyst
Numerical Analyst	Reliability Specialist	Research Officer	Reimbursement Consultant
Production Analyst	Statistical Engineer	Statistical Consultant	Operations Research Analyst

What Are Some Useful Websites For Statistics Majors?

The World's Leading Data Job Board	www.icrunchdata.com
Virtual Library: Statistics	www.stat.ufl.edu/vlib/statistics.html
Institute of Mathematical Statistics	www.imstat.org
Caucus for Women in Statistics	www.forestsoils.org/wcaucus
International Statistical Institute	isi.cbs.nl
National Institute for Statistical Sciences	www.niss.org