

# What can I do with a major in "Statistics"?

## The University of Georgia Career Center

Clark Howell Hall, 706-542-3375, [www.career.uga.edu](http://www.career.uga.edu)  
UGA Statistics Department, 706-542-5252, [www.stat.uga.edu](http://www.stat.uga.edu)



*This information describes typical occupations and employment settings associated with this major. Understand some of these options may require additional training. Moreover, you are not limited to these options when choosing a possible career path.*

### Description of Statistics

Statistics has been described as the science of learning from data: everything from planning for the collection of data and data management, to end-product activities such as drawing conclusions from data and presentation of results. Statistics includes the scientific application of mathematical principles to the collection, analysis, and presentation of data. Statisticians contribute to the design of surveys and experiments; collection, processing, and analysis of data; and interpretation of the results. Statisticians apply their methods in all subject areas. Sampling-obtaining information about a population of people or group of things by surveying a small portion of the total is often used. Statisticians the where and how of data, determine the type and size of the sample group, instructions and procedures for the sampling collection, tabulate the data and final analysis, interpretation and summary using computer software.

### Research Careers

O\*NET <http://online.onetcenter.org> (Click on Find Occupations)

Georgia Career Information Center <http://www.gcic.peachnet.edu> (Accessible only on campus computers)

Occupational Outlook Handbook <http://www.bls.gov/oco> (Type in general term for career of interest)

Alberta Occupational Profiles [www.alis.gov.ab.ca/occinfo/frameset.asp](http://www.alis.gov.ab.ca/occinfo/frameset.asp) (Click on Occupational Title Search)

*\*Please visit the Career Center Library or your Career Consultant for more information or assistance.*

### Possible Job Titles of Statistics Graduates

(Jobs secured as reported by UGA Career Center post-graduate survey)

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

### Possible Employers of Statistics Graduates

(\*Jobs secured as reported by UGA Career Center post-graduate survey)

Aerospace Companies	ICF Kaiser Engineering Grp.Insurance	PRC Environmental Mgmt.
Bureau of Labor Statistics	Investment Firms	Research & Dev. Firms
C & L Business Equipment	Justice Department	Savings & Loan Assc.
Colleges & Universities	Kennecott Ridgeway Mining Co.	Sharp Shooter, Inc Research Social
Defense Logistics Agency	Library of Congress	Science Pollsters
Defense Mapping Agency	NASA	Test Development Corp.
Employment & Training Adm.	Nat. Hwy Traffic Safety Admin.	Transportation Department*
Engineering Technician	National Inst. Standards & Tech	U.S. Customs Service
Health Care Financing Adm.	National Security Agency	U.S. Navy
Housing & Mortgage Fin.	NOAA	Weights and Measures Office

### Career Center Library Resources

How to Get Any Job with Any Major

Metro Atlanta Bioscience Industry

Regional Life Science Directory

Great Jobs for Mathematics Majors

Opportunities in Science and Technology Careers

Great Jobs for Liberal Arts Majors

Outdoor Careers

Opportunities in Research and Development

Great Jobs for Number Crunchers & Other Quantitative Types

The Secrets of Savvy Networking

### Campus Resources

**Statistics Department** - <http://www.stat.uga.edu/>

**Statistics Club** - <http://www.stat.uga.edu/newsletter/index.php>

### Employment Websites

**All Star Jobs - Statistics** - <http://www.allstarjobs.com/cgi-bin/links/search.cgi?query=Statistics>

**Bureau of Labor Statistics** - <http://www.bls.gov/home.htm>

**Environmental Protection Agency** - <http://www.epa.gov/careers/>

**Royal Statistical Society Careers** - <http://www.rss.org.uk/site/cms/contentChapterView.asp?chapter=10>

**International Statistics Institute Careers** - <http://isi-web.org/root/career-opportunities-older/all-pages>

**Non-profit Opportunities w/IASE** - <http://www.stat.auckland.ac.nz/~iase/links.php?category=17>

**International Biometric Society Careers** - <http://www.tibs.org/interior.aspx?id=504>

**Global Actuarial Recruitment, D.W. Simpson** - <http://www.ActuaryJobs.com/>

### Additional Resources

**Institute of Mathematical Statistics** - <http://www.imstat.org/>

**International Association for Statistical Education** -

<http://www.stat.auckland.ac.nz/~iase/>

**International Biometric Association** - <http://www.enar.org/>

**International Statistical Institute** - <http://www.cbs.nl/isi/>

**American Sociological Association** - <http://www.asanet.org/>

**D.W. Simpson & Company** - <http://www.ActuaryJobs.com/>

**Occupational Outlook Handbook - Labor Statistics** -

<http://stats.bls.gov:80/oco/ocos043.htm>

**Society for Industrial and Applied Math** -

<http://www.siam.org/>