The Statistics program is an ideal choice for students who desire a broad-based education with a foundation in mathematics, computing and information management. Statisticians have the opportunity to be involved in research in a wide variety of fields and the undergraduate degree program reflects this diversity. The undergraduate program in statistics provides an integrated curriculum ideal for a double major if desired.

Statistics majors develop the following skills:

- Produce trustworthy data
- Analyze data to make their meaning clear
- Determine the questions/problems to be addressed and identify data needed
- Determine methods for finding or collecting data
- Design surveys or experiments or opinion polls
- Collect data
- Analyze and interpret data
- Report conclusions from data analyses
- Draw practical conclusions from data
- Absorb very complex concepts
- Discover the implications of new ideas
- Distill the common thread of diverse concepts and techniques into their fundamental principles
- Complete statistical analysis, sampling techniques and data acquisition
- Make and interpret graphs, tables, & charts
- Use library research techniques
- Demonstrate technical writing skills
- Master new technology

Job and Internship Websites

- American Mathematical Society
  http://www.ams.org/profession/career-info/career-index
- American Statistical Association
  http://www.amstat.org/careers/index.cfm
  http://www.amstat.org/education/internships.cfm
- Be an Actuary
  http://www.beanactuary.org/
- Bureau of Labor Statistics
  http://www.bls.gov/jobs/
- Career Cornerstone Center
- ESPN
  http://jobs.espnjobs.com/careers/statistics-jobs
- Federal Government Jobs
- Global Actuarial & Analytics Recruitment
  http://www.actuaryjobs.com/otherjobs.html
- icrunchdata
  http://www.icrunchdata.com
- Institute of Education Sciences
  http://ies.ed.gov/
- Institute of Mathematical Statistics
  http://jobs.imstat.org/home/index.cfm?site_id=1847
- NASA
  https://intern.nasa.gov/
- National Opinion Research Center
  http://www.norc.org/WorkingAtNORC/Pages/default.aspx
  http://www.norc.org/WorkingAtNORC/Pages/internship-programs.aspx
- New Scientist Jobs
  http://jobs.newscientist.com/jobs/statistics/
- Stats Careers
  http://www.statscareers.com/
- The Washington Center
  http://www.twc.edu/
- Stats Jobs
  http://www.statsjobs.com
  http://www.stat.ufl.edu/jobs/
- USDA National Agricultural Statistics Service
  http://www.nass.usda.gov/Contact_Us/Opportunities/index.asp
Actuaries study past events to predict future outcomes which can involve the application of probability and statistics to financial affairs. This is most common in insurance, healthcare, pensions and banking. You must pass seven exams to become licensed.

Statisticians use mathematical techniques to analyze and interpret data and draw conclusions. Biostatistics is the application of statistical methods to research in medicine (clinical trials), public health, epidemiology or biology. Medicine: Statisticians work with medical teams to design experiments and analyze the complex data they produce.

Environment: Studies of the environment require data on the abundance and location of plants and animals, on the spread of pollution from its sources, and on the possible effects of changes in human activities. The data are often incomplete or uncertain, but statisticians can help uncover their meaning.

Industry: The future of many industries and their employees depends on improvement in the quality of goods and services and the efficiency with which they are produced and delivered. Improvement should be based on data, and more companies are installing elaborate systems to collect and act on data to better serve their customers.

Government Surveys: The government wants data on unemployment, imports, crime and many more issues to guide policy. Government statistics agencies provide them by surveys of households and businesses. Nearly every agency in the federal government employs statisticians.

Market Research: The systematic gathering, recording and analyzing of information relating to the transfer and sale of goods and services from producer to consumer. Combined with systematic problem analysis, model building and fact finding serves the purpose of improved decision making and control in marketing goods and services. Statisticians design the elaborate surveys that gather data for both public and private use.

Manufacturing: Statisticians design experiments for product testing and development. For instance, they help to design experiments to see how car engines perform when exposed to extreme weather conditions. Statisticians also contribute to the design of marketing strategies and prices for final goods.