STATISTICS MAJOR

Career Snaps are snapshot introduction resource pages that invite you to explore a list of career titles and consider what peaks your initial curiosity. Below are highlights of titles related to the major of Statistics. Feel free to review and consider how these titles appeal to your interests and how you would like to apply your major further.

Please note: Career paths below vary in terms of required experience, education, and/or licensures and further research to career paths of interest is important to help identify which require advanced degrees or bachelor degrees.

Make Marks! Circle titles of interest and cross off those that don’t appeal to you to begin the exploration process. Keep in mind that this is not an exhaustive list but a starting point to connect your interests and to highlight some of the ways students with your major have transitioned to various career paths. Note that career titles may vary depending on the organization or company.

Career Titles

- Account/Bill Collector
- Account Manager
- Actuary
- Analyst
- Appraiser
- Astronomer
- Astronaut
- Auditor
- Bank Customer Service Representative
- Bank Manager
- Biostatistician
- Bookkeeper
- Building Inspector
- Building Superintendent
- Claims Adjuster
- Consultant
  - Implementation Consultant, Management Consultant, etc.
- Counseling
  - Clinical Counselor, Rehabilitation Psychologist, etc.
- Cost Estimator
- Cryptographer
- Data Miner
- Designer
  - Aircraft Designer, Algorithm Designer, Game Designer, etc.
- Economist
- Econometrician
- Education
  - Business Educator, Elementary, Instructional Coordinator, Middle, and Secondary Teacher, Math Teacher, Professor, etc.
- Government
- Health and Medicine
  - Areas: Biomedical Research, Biopharmaceutical Statistics, Pharmacology, Clinical Trials, Genetics, Public Health, Animal Health, Health Economics, Market Research, etc.
  - Animal Health Statistician, Clinical Data Manager, Health Services Statistician, Medical Statistician, etc.
Career Titles (continued)

- Home Inspector
- Human Resources
  - Compensation/Benefits Coordinator, Human Resources Director/Specialist, Recruiter, etc.
- Industrial Engineer
- Insurance Underwriter
- Investment Advisor
- Investment Banker
- Investigator
- Journalism
  - Broadcast News Analyst, Columnist, Correspondent, Journalist, Network Television Journalist, etc.
- Land Surveyor
- Law
  - Attorney, Case Coordinator, Judge, Law Clerk, Legal Researcher, Mediator, Paralegal, etc.
- Loan Officer
- Logistics Specialist
- Marketing Manager
- Mathematician
- Mathematical Technician
- Media Specialist
- Meteorologist
- Natural Science Manager
- Non-Profit
  - Community Organizer, Development Manager, Events Planner, Fundraising Assistant, Program Director/Manager, Project Manager, Recreational Worker, Volunteer Coordinator, etc.
- Operations Manager
- Personal Financial Planner
- Pilot
- Pharmaceutical Engineer
- Political Scientist
- Purchaser
- Regulatory Affairs Manager
- Research
  - Market Researcher, Material Scientist, Operations Researcher, Social Scientist, Survey Researcher, Research Assistant, etc.
- Scientist
  - Environmental Scientist, Social Scientist, etc.
- Statistical Engineer
- Statistical Modeler
- Statistician
- Tax Associate
- Technology
  - Computer Scientist, Database Administrator, Programmer, Software Developer, Software Engineer Specialist, Technical Support Staff, Web Developer, etc.
- Telecommunications Engineer
- Venture Capitalist
- Writer
  - Freelance Writer, Science Writer, Technical Writer, etc.

Food For Thought

Take a minute to review the following questions and jot down thoughts that come to mind:

- Interests: What career areas below resonate with you the most and how do the careers you circled relate?
  - Computer Science
  - Business
  - Education
  - Health and Medicine
  - Insurance
  - Government and Policy
  - Law
  - Manufacturing
  - Non-Profit
  - Operations Management
  - Research
  - Technology
  - Writing and Editing

- Skills: What skills that you enjoy are you interested using further in a profession?
  - Ability to communicate technical problems and solutions, abstract reasoning, analytical skills, critical evaluation skills, data analysis, information management, analysis skills, problem solving skills, quantitative reasoning skills, research skills, statistical skills, technical report preparation, working independently, etc.

- Values: What core values are most important to you and how might careers you circled support these values?

Ready to Take the Next Step?

Below are resources that give an overview of career profiles, settings, education, outlook, related occupations, pay, and state/regional information etc.:
http://www.bls.gov/ooh
http://www.onetonline.org
http://thisisstatistics.org/

College of Liberal Arts and Sciences