

Career Information for Actuarial Science

A College of Science & Engineering Major

General Overview Information

The programs of statistical methods are used to help solve complex problems in business; government; and the physical, social and biological sciences. Statisticians work with people in other disciplines to help design studies to ensure that data are properly collected and analyzed. The Actuarial Science program provides a balance between mathematics, statistics, and computer programming skills.

Do You Have These Characteristics?

Complex Problem Solving Skills · Ability to Work Independently · Patience & Persistence
Strong Background in Math & Computer Science · Active Learner
Critical Thinker · Good Communication Skills

Salary Information Can Be Found At:

www.bls.gov/bls/blswage.htm

www.iseek.org

www.stcloudstate.edu/careerservices

What Can You Do?

- Actuary
- Operations Research Analyst
- Applied Statistician
- Quality Control
- Econometrician
- Biostatistician
- Biometrician
- Epidemiologist
- Professor
- Analyst
- Tax Preparer
- Procurement Clerk
- Cost Estimator
- Investment Strategist

Where Can You Work?

- Insurance Companies
- Investment Services
- Transportation Equipment
- Research & Testing Companies
- Management & Public Relations
- Computer & Data Processing Services
- Federal Government
- Colleges & Universities
- Non-Commercial Research
- Membership Organizations
- Manufacturing Firms
-and MORE!!

Resources

- SCSU Statistics – <http://bulletin.stcloudstate.edu/departments/stat.asp>
- SCSU Statistics Club – <http://www.stcloudstate.edu/csold/>
- Occupational Outlook Handbook – www.bls.gov/oco/ocos045.htm
- Society of Actuaries – <http://www.soa.org>
- Institute of Mathematical Statistics – www.imstat.org
- Casualty Actuarial Society – www.casact.org
- International Actuarial Association – <http://www.actuaries.org/>
- Institute for Operations Research & the Management Sciences – www.informs.org
- American Academy of Actuaries – www.actuary.org
- American Mathematical Society – www.ams.org
- *Career Opportunities in Forensic Science*
- *Career Opportunities in Science*
- *Careers for Number Crunchers and Other Quantitative Types*
- *National Trade and Professional Associations*
- *Opportunities in Insurance Careers*

(Books are available at SCSU Career Services Center)