CAREER OPPORTUNITIES FOR ACTUARIAL SCIENCE MAJORS

SKILLS & ABILITIES OF THE ACTUARIAL SCIENCE MAJOR

Analytical
- Identify patterns and trends within complex sets of data
- Determine what factors have an effect on different sets of events

Computer & Math Skills
- Knowledge of programming language
- Use and develop spreadsheets, databases, and statistical analysis tools
- Interpret data
- Principles of statistics, calculus, and probability

Interpersonal
- Take leadership role on teams
- Effectively and objectively listen to team members
- Coordinate/Organize activities
- Knowledge and understanding of Cross Cultural needs

Problem Solving
- Identify potential risk and determine the best way to manage those risks
- Form conclusions from information gathered
- Design, test, and administer different strategies to minimize risk and maximize profit
- Estimate probability and likely cost of potential events

Writing & Speaking Skills
- Explain findings and proposals to clients, company executives, shareholders, etc.
- Create charts, tables, and reports to explain the findings of analysis

POTENTIAL CAREERS

Entry level
- Actuary
- Financial Representative
- Insurance Risk Manager
- Investment Analyst
- Statistician

Advanced education and/or experience
- Actuarial Specialist
- Logistics Coordinator
- Pharmaceutical Statistician
- Professor

Additional options
- Accountant
- Credit Analyst
- Consultant
- Data Analyst
- Investment Analyst
- Insurance Risk Manager
- Insurance Underwriter
- Investment Banker
- Market Research Analyst
- Mathematician
- Production Planner
- Operations Research
TYPES OF EMPLOYERS

· Banking & Financial Services
· Consulting
· Education
· Health & Medicine
· Hospitality
· Information Services
· Insurance
· International Business
· Manufacturing
· Retail

Specific Organizations
· Blue Cross Blue Shield
· Milliman
· Wellcare
· Pacific Global Logistics
· Well Point, Inc.
· Metlife
· Principal Financial Group
· American Modern Insurance Group
· W&S Life Insurance Company
· Marsh
· Schools
· Magazines

RESOURCES FOR ACTUARIAL SCIENCE MAJORS

American Insurance Association- http://www.aiadc.org
Council of Insurance Agents and Brokers-http://www.ciab.com
Certified Financial Planner-Board of Standards- http://www.cfp.net
International Association of Insurance Professionals- http://www.internationalinsuranceprofessionals.org
O*Net- http://www.onetonline.org

Sources: Bureau of Labor Statistics, University of Iowa—Pomerantz Career Services—What Can I Do With a Major in AS