



STEM Careers

Actuary

Job Description: Predict the chances of future events that can or will occur in a person's life, such as injury, sickness, retirement, disability, and death. Then calculates possible costs and financial benefits according to statistical data.

What do Actuaries do?

- Determine the monetary value of unusual items, such as the hands of a concert pianist.
- Price property insurance for homes, given their location and the likelihood of a natural disaster.
- Analyze statistical information about people over age 55 to estimate deaths, disabilities, and retirement rates.
- Advise movie studio owners about how much liability insurance they should purchase to cover dangerous sets.
- Design, review, and help implement insurance, annuity and pension plans, determining financial stability
- Negotiate terms and conditions of reinsurance with companies

Your Interests:

- Do you like math?
- Do you like working with computers?
- Do you like solving problems?
- Do you communicate your ideas well?

Outlook: **Bright**

Average Salary - \$50.91 hourly, \$105,900 annually

Projected Job Openings - 2,400 over the next 10 years.

Education/Program of Study:

- Bachelors degree in math, statistics, actuarial science or a business-related fields such as finance, economics, or business

Sources:

http://www.sciencebuddies.org/science-fair-projects/science-engineering-careers/Math_actuary_c001.shtml?From=testb

<https://www.onetonline.org/link/summary/15-2011.00>