

Actuary - also called: Actuarial analyst

Actuaries work with companies and government departments, to help them forecast long-term financial costs and investment risks.

Skills You'll need:

- skills in maths and statistics
- the ability to research, analyse and interpret data
- excellent communication and presentation skills
- problem-solving skills
- IT skills

Working hours, patterns and environment

You'll usually work 35 to 40 hours, Monday to Friday. Trainee actuaries usually spend around 15 hours a week studying while working.

You'll work in an office, but you'll often need to travel to visit your clients, sometimes overseas.

East Midlands growth: +16.4% from 2014 to 2024, creating 16,953 jobs

East Midlands median earnings: £38,072



What you'll do

- analysing statistics
- forecasting finances
- testing financial options
- assessing risks
- using computers to build mathematical and statistical models
- explaining findings to managers, government ministers or business clients

Career path and progression

With experience, you could become a department manager and then a partner with a financial firm.

You could also specialise in a field, like life insurance or healthcare, or move into consultancy work, accountancy or banking

These are some of the university subjects related to this career:

Accounting

Economics

Mathematics

UK Entry requirements

You'll need to join the Institute and Faculty of Actuaries (IFoA) as a student member. You'll then study for professional exams while you work as a trainee actuary.

To join the If you'll usually need a degree in maths or a related subject, like:

actuarial science

economics

physics

engineering

accounting

statistics