EXPLORE
Career options with your degree

Maths

Mathematicians typically look to [Accountancy, Finance and Banking](#) and [Teaching](#) as career options. However, [Public Sector](#) opportunities are well suited to your analytical skills and problem solving skills and communication skills to [General Management Schemes](#), [Science and Engineering companies](#) are suited to your mathematical modelling skills and the [I.T and Transport and Logistics](#) sector enables you to use your technical and methodological approach to problem solving.

Roles

Each job title links through to a broad job description, salary and conditions, entry requirements, typical recruiters and links to further, pre-assessed useful information.

- Research Scientist
- Financial Risk Analyst
- Investment Analyst
- Actuary
- Underwriter
- Transport Planner
- Management Consultant
- IT Consultant
- Mathematical Modelling Consultant
- Chartered Accountant
- Aeronautical Engineer
- Tax Adviser

Meteorology, Cryptography, Insurance and Pensions work and Teaching are also popular career areas and can all be looked at in more detail via the [Graduate Prospects Types of Jobs](#) website.

Finding Opportunities

Much of the information you need about vacancies can be found on the links above and can assist you with finding work experience, placements and permanent jobs. For those interested in Teaching, a specialist Postgraduate course is normally required, although prospective teachers can train on the job through SCITT or on the job through the [Schools Direct Training Programme](#).

Many of the IT, Finance and Insurance roles listed above do not require a postgraduate qualification, you are trained on the job whilst being paid (with the actuaries and actuaries gaining a professional qualification), and some work experience can help you secure a permanent role. Look at the [Institute of Chartered Accountants](#) (ICAEW) website for information on Chartered Accountancy and on the [CIMA](#) website for Management Accountancy.

Careers such as Civil Service Fast Streamer can be secured without further study but are highly competitive. To become a Research Scientist you will require a PhD and in some cases with some postdoctoral experience. Read our information on [postgraduate study](#) to find out more. Otherwise check out these useful websites to browse:

- Look for Civil Service roles at: [Civil Service jobs](#)
- For actuarial roles within government, see [Government Actuary roles](#)
- For actuarial graduate vacancies and work experience see [actuaries.org.uk](#)
- For NHS management schemes, see [NHS management schemes](#)
- For scientific research roles have a look at: [NewScientist Jobs](#); [Jobs.ac.uk]; [KTP National Vacancies](#)
- For further information about business, finance and IT careers look at [Inside Careers](#)
- For Meteorologist roles head to the [Met-jobs mailing list](#) and [Met Office Jobs](#)
Further Reading

- The Institute of Mathematics contains a careers section
- Online Maths magazine with career case studies
- Discoverrisk contains information about the insurance industry
- The Operational Research Society contains careers information
- Chartered Institute of Insurance provides a guideline to qualifications in the sector
- Chartered Institute of Securities and Investments