

# MATHS IN THE NORTH EAST

The region is a hotbed for innovation and has a vibrant financial sector, with big international companies like Sage and Atom Bank choosing to base themselves here! FinTech is thriving in the region and there ample opportunity for skilled people with a keen interest in maths to find prospective careers in this industry, and others!

## REGIONAL STRENGTHS IN MATHS



Finance  
Technology



Industrial  
Mathematics

## REQUIRED QUALIFICATIONS

For any career in maths, you'd ideally need to have an A level in maths, as this is where you'll gain a lot of the numerical skills necessary. If A levels aren't appealing but you still want to pursue a career involving lots of maths, consider completing an apprenticeship, which you can find here -> <https://www.gov.uk/apply-apprenticeship>.

After A levels, you'd need to go onto university to gain a degree in an engineering discipline. There are a lot of engineering degrees that cover a wide range of topics, so be sure to check out all the different areas. Consider a degree apprenticeship if full time study isn't for you! Either route will guide you into an excellent maths based career!

## REGIONAL UNIVERSITIES

Regional universities can provide amazing UG and PG courses. But if university isn't the route you want to take, Newcastle, Sunderland and Gateshead college offer great apprenticeships!



## NEEDED SKILLS



PROBLEM SOLVER



COMMUNICATION



NUMERICAL AND  
LOGICAL  
REASONING



ANALYTICAL AND  
PROBLEM SOLVING

Uni open days are  
a really great way  
to check out the  
courses and  
facilities on offer!