

# What can I do with a degree in...

## Mathematics & Physics



### Why Warwick?

- Our graduates are the **most often targeted by the UK's top graduate employers** (*Graduate Market 2017, research conducted by High Fliers Research*)
- In the QS World University Rankings, Warwick is ranked in the **top 25 in the world for employer reputation** (*QS World University Rankings 2016/17*)
- Warwick is **highly ranked in the major university league tables**: 9<sup>th</sup> overall in the Times and Sunday Times (September 2017); 8<sup>th</sup> in the Complete University Guide (April 2017); and 8<sup>th</sup> in the Guardian league table (May 2017)

Employment destinations of our recent graduates\*: [warwick.ac.uk/whatdowarwickgradsdo](http://warwick.ac.uk/whatdowarwickgradsdo).

### About Mathematics & Physics...

Both departments have an excellent reputation for teaching and research, 96% of research papers submitted by academics in physics was 'internationally excellent' according to the 2014 Research Excellence framework and both degrees ranked in the Guardian top 20 subject league tables

### What do Mathematics & Physics graduates do?

#### Jobs of recent graduates include:

Actuarial Analyst, Associate, Chartered Accountant Trainee, Consultant, Data Fusion Intern, Economics and Market Analyst, Financial Analyst, Financial Services Auditor, Graduate Technical Analyst, IT Engineer, Operational Management Graduate Trainee, Product Developer, Risk Analyst, Software Developer, Software Engineer, Technical Consultant, Trader Actuarial Analyst

#### Sectors where graduates were working include:

Consultancy, energy, education, financial & professional services, geoscience, information technology, manufacturing, medical physics, meteorology, nuclear engineering, software engineering.

### Further study undertaken by graduates include:

PhD Particle Theory Plasma Physics, PhD in Atmosphere, Oceans and Climate, MSc Meteorology, MSc in Mathematics of Real World Systems, MSc by Research Physics, MSc Data Analytics, PGCE Secondary teaching (Physics) ACA (Chartered Accountancy).

#### Adam Bacon, Co-founder & Managing Director, Fairfull (BSc MPhys/Maths 2012)

“I graduated from Warwick University with a degree in Mathematics & Physics, via the Physics Department. The problem solving, logic and analytical skills I developed from this course are highly sought after in the world of work. Since graduating I have secured highly competitive roles in investment banking, engineering and management consulting. The ‘Warwick’ label also played a major role in this, since many of the top employers only recruit from a handful of universities, with Warwick amongst them. The course is extensive and challenging, but the quality of teaching and the support available is exemplary. The programme is also incredibly flexible, especially as you progress through the years. I picked modules that most interested me, and also took courses from Warwick’s Business School; these were incredibly useful for some of my roles post-graduation and especially now that I am an entrepreneur.”

#### Alizeh Ebrahim, Project Manager, Fivium (BSc Mathematics & Physics 2011)

“Graduating in mathematics and physics from the University of Warwick brings with it a plethora of opportunity. The world really is your oyster! From the support you receive from the academic staff, through to the number of opportunities made available to you (such as the Warwick in Africa programme), the University endeavours to provide every student with the best foundation to grow to their full potential. Your tutors, lecturers and senior students are always willing to help and their advice, support and friendship will become invaluable. You'll learn how to think outside the box, how to solve problems in an innovative way and will strive to understand the technical detail in all that you do. These skills will open the doors to great opportunities. “

### What do graduate recruiters look for?

- ✓ A good degree from a good university
- ✓ Work experience
- ✓ Involvement in extra-curricular activities
- ✓ The ability to describe and articulate their unique achievements and skills

### Opportunities available at Warwick include:

- Academic study skills support
- Careers support from our professionally trained staff
- Opportunities to meet recruiters and attend events
- More than 200 clubs and societies
- Help finding work experience
- Free careers support after graduation

\*The government requires all universities to survey graduates six months after they leave to ask about their employment circumstances, through the Destinations of Leavers from Higher Education survey. For some career paths graduates need to gain relevant experience, often at non-graduate level. It may therefore take some graduates longer than others to secure a graduate-level job.