

# What can I do with a Degree in Physics?

- A Physics degree will enable you to develop a variety of highly transferable skills valued by many employers in a range of sectors. As a physicist, you will become very analytical and will be able to demonstrate your problem-solving ability by developing creative solutions to solve challenges. A physics degree will help you to acquire an understanding of advanced mathematics and you will develop practical skills as you prepare and conduct experiments. You will be able to quickly understand new concepts and theories and your communication skills will help you interpret complex information in a meaningful way.

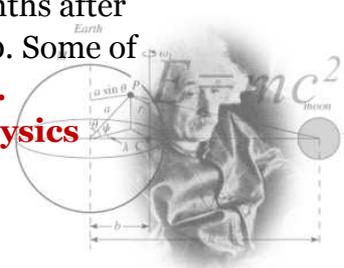
## Where do Physicists work?

Physicists are employed in a variety of roles in very different sectors and industries...

**Astronomy**    **Energy**    **Education**    **Financial services**    **Geophysics**  
**Management consultancy**    **Medical physics**    **Meteorology**    **Nanotechnology**    **Nuclear engineering**  
**Patent law**    **Research**    **Software engineering**    **Telecommunications**

## What do Warwick's Physics graduates do...?

- Every year approximately one third of Warwick physicists undertake further research, with many working towards a PhD. A significant number of our students pursue an academic career and are employed in a number of universities in a teaching and/or research role.
- Postgraduate course choices have included meteorology and climatology, exploration physics, intellectual property, mathematical biology, biophysical chemistry, medical and radiation physics.
- 92% of physics students were in graduate level employment six months after their graduation in 2012, with an average starting salary of £26,000. Some of the many recruiters employing physicists included **BAe Systems... Goldman Sachs... IBM... Ministry of Defence... National Physics Laboratory... Tessella... Rolls Royce.**



# What should you be doing to plan your career?

- Increase your awareness and understanding of the options you will have with a physics degree [http://www.prospects.ac.uk/options\\_physics.htm](http://www.prospects.ac.uk/options_physics.htm)  
<http://www.iop.org/careers/future-with-physics/index.html>
- Register with myAdvantage <https://myadvantage.warwick.ac.uk/> to access careers advice and information and to book a place on employer events, skills sessions and workshops which take place throughout the academic year
- Develop your employability <http://www.jobs.ac.uk/careers-advice/interview-tips/1515/employability-what-are-employers-looking-for/> These skills are an important requirement for recruiters in every sector of employment
- Employability can developed and evidenced through work experience, internships and industrial placements, voluntary work and extra-curricular activities for example – there are over 200 clubs and societies at Warwick that can offer opportunities to develop employability skills  
<http://www2.warwick.ac.uk/services/scs/experience/>
- If you are already considering a research career, Warwick's Undergraduate Research Support Scheme (URSS) is an opportunity to participate in a summer research project under the guidance of an academic supervisor  
<http://www2.warwick.ac.uk/services/scs/experience/>
- Increase your self-awareness. This is a significant influence on career choice and understanding, for example, what motivates you, what your values are and what you want from your career will help you to make an informed decision  
<http://www2.warwick.ac.uk/services/scs/career/developingself/>  
[http://www.prospects.ac.uk/myprospects\\_planner\\_login.htm](http://www.prospects.ac.uk/myprospects_planner_login.htm)
- Individual careers appointments can be booked with the physics departments senior careers consultant, Ray Ryan, either through myAdvantage or by email [r.ryan@warwick.ac.uk](mailto:r.ryan@warwick.ac.uk)

**Ray Ryan (Senior Careers Consultant) Dr. Jon Duffy (Department of Physics)**  
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