

The future of jobs

in physics



Physics teaches you about matter and energy – the basis of all scientific disciplines. As well as preparing students to investigate what you see in the world around you, it also encourages you to solve problems practically and creatively.

Subject skills:



Critical thinking



Communication



Data analysis



Problem solving



Research



ENERGY & UTILITIES › WIND ENERGY ENGINEER

- You'll develop the hardware for wind energy projects, including the turbines, blades, electrical systems and energy production systems.
- The offshore wind workforce in the UK is expected to grow 2.5 times by 2030, creating an additional 16,000 jobs.
- The UK will need to recruit 100,000 people to green energy roles to meet its targets on limiting climate change.

Subject skill

Problem solving: You'll need to think creatively about how to overcome problems connected to technology, installation or location.



SCIENCE & RESEARCH › PLANETARY SCIENTIST

- You'll study planets and moons, including features such as gravity, geologic processes, climate geomorphology and atmosphere.
- The country's space sector generates £14.8 billion of income and could create 15,000 jobs in the UK by 2030.
- As planetary exploration takes off, there is a growing need for planetary scientists with the skills needed to understand other worlds.

Subject skill

Data analysis: You'll analyse data to help further your understanding of a particular planet or celestial body and share your insights.

How will the most popular industries for physics graduates change?

Science › Employers including Met Office, NHS and European Space Agency actively recruit physicists.

IT › According to Glass Door, IT analysts currently earn a base salary of £31,000.

Finance › Emerging jobs in finance include sustainable wealth manager and cryptoforecaster.



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