



## Where can Physics take you?

You could be a:

- Nuclear Physicist
- Fusion researcher
- Material science
- Geophysicist
- Geologist
- Environmental scientist
- Electronics technician
- Microchip developer
- Semi-conductor researcher
- Earth scientist
- Sound engineer
- Medical physicist
- Architect
- Astronomer
- Archaeological geophysics

Physics is perhaps the most in depth and complex field out of the three disciplines, it uses mathematics and a understanding of how the universe works to find creative solutions to the problems we face as a species.

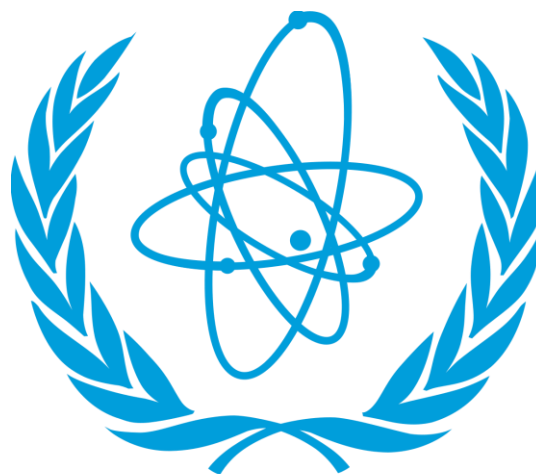
Using this degree you will gain a fundamental understating of key principles that govern the universe which you may be able to utilise in a wide range of jobs.

Areas where a Physics degree would be useful include:

- Researcher
- Doctor of medicine
- Technician
- Teacher
- Mathematician
- Engineer

Where to find job adverts for physicists?

- UK atomic energy authority
- International atomic energy agency
- Universities
- UK space agency
- UK government agencies
- Local authorities



**IAEA**

# Careers in Physics



## Useful websites

<https://www.irpa.net> International radiation protection association

<https://www.iaea.org> International atomic energy association.

<https://www.iop.org/careers-physics#gref> Institute of Physics.

## Top Tips

Physics is at the heart of Nuclear fusion research which will lead the world to a more sustainable future. This developing new industry could pave the way to many new fields to go into like quantum physics/mechanics.

Keep up to date with NASA and Space X news and events as these institutions are at the forefront of space travel and exploration.

## Graduate Prospects

You may be able to gain scholarships with various internships and Work Experience, Although most jobs in physics will require a degree first, you could observe a professional at work to get some idea of what a physicist might do day in day out.

## Physics Degrees

Astronomy

Physics

Medicine

Engineering

Architecture

Civic engineering

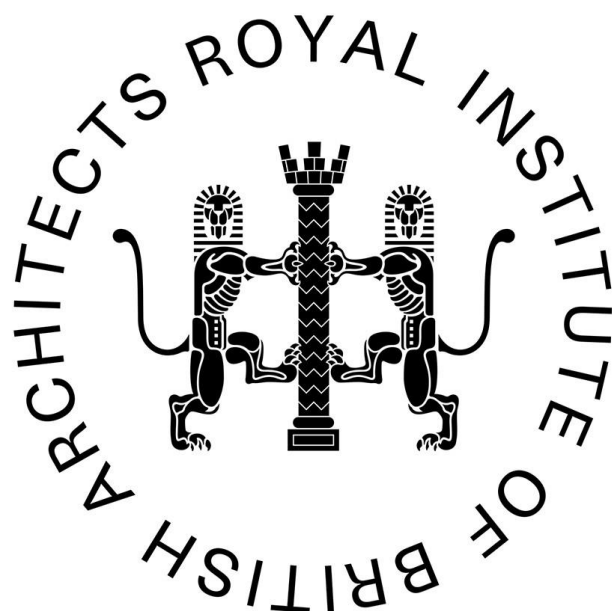
Subjects to study at A Level:

- Physics
- Mathematics
- Data sciences
- Environmental sciences

Top Universities

1. Oxford
2. Cambridge
3. Manchester
4. Aberdeen
5. St Andrews
6. Lancaster

(check UCAS website for entry requirements for these universities: [wwwucas.com](http://wwwucas.com))



**IOP**  
Institute of Physics