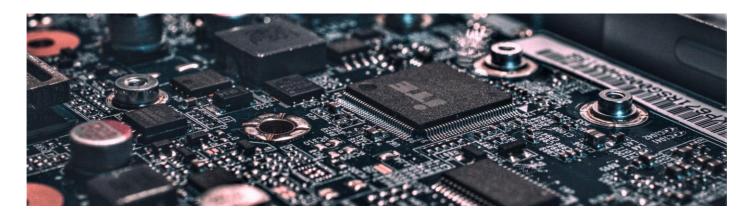
# FutureSmartCareers



## **Physics Subject Guide**



#### What other subjects go well with this?

- Maths
- Further maths
- Biology

- Chemistry
- Design & Technology

•

•

•

•

Geography

### What degrees could it lead to?

- <u>Acoustics</u>
- <u>Aeronautical</u>
  <u>Engineering</u>
- <u>Astronomy</u>
- <u>Astrophysics</u>
- <u>Artificial</u> Intelligence
- <u>Biology</u>
- Building Services
- <u>Chemistry</u>
- <u>Civil Engineering</u>
- <u>Computer Science</u>
- <u>Cosmology</u>

- Electrical Engineering
- <u>Electronics</u>
- Engineering
- Geology
- Health Sciences
- <u>Maths</u>
- Medicine
- <u>Meteorology</u>
- <u>Nanotechnology</u>
- <u>Natural Sciences</u>
- Nuclear Science
- <u>Oceanography</u>

- **Pharmacology**
- **Physical Sciences**
- **Robotics**
- Space Physics
- <u>Surveying</u>
- Veterinary Medicine
- <u>Zoology</u>

Dentistry

# What skills could I develop?

Problem solving

Reasoning

Numeracy

•

- Practical skills
- Research and data analysis
- Communication
- Teamworking

#### What careers could it lead to?

- <u>Acoustic consultant</u>
- Aerospace Engineer
- <u>Architect</u>
- <u>Clinical Technologist</u>
- Geophysicist
- Medical physicist
- Higher education lecturer
- Metallurgist

- Meteorologist
- <u>Nanotechnologist</u>
- <u>Radiation protection practitioner</u>
- <u>Research scientist</u>
- Materials Engineer
- <u>Secondary school teacher</u>
- Technical author

### What else should I know?

- Look at the content for each university physics degree course to see which area of physics interests you most.
- There could be sponsorship or bursaries for physics or engineering degrees , these are competitive and the applications may close before UCAS closing dates
- Make sure degrees are accredited by the Institute of Physics as these meet specific quality standards

## **Useful websites**

Institute of Physics

<u>Physlink</u>

A Level Physics Online

- Time management
  - Organisation
  - IT skills

•