

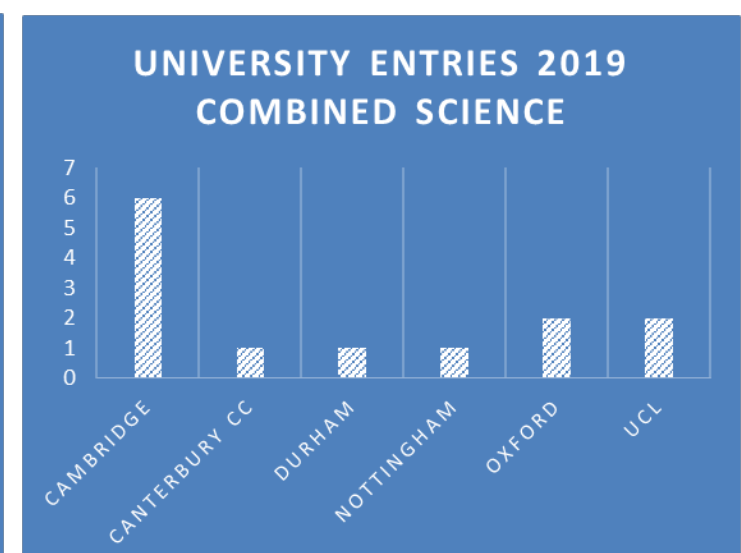
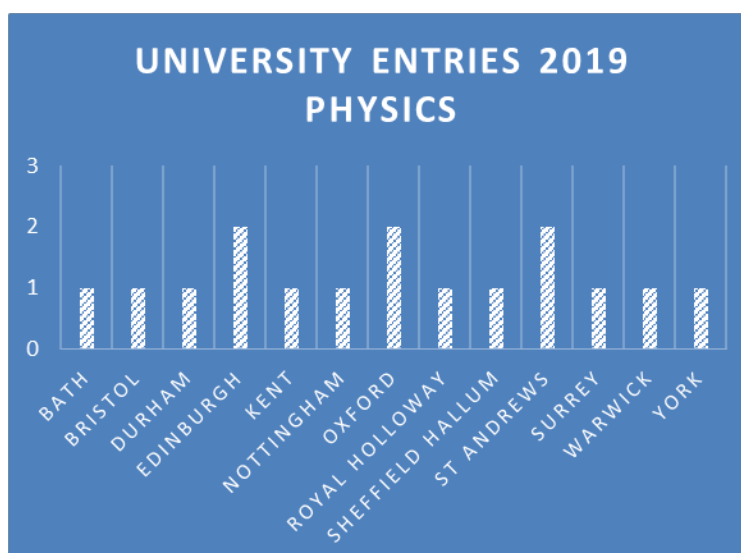
Physics

Higher Education at BHASVIC 2019

In Sept 2019, 16 BHASVIC students went onto study Physics at 16 different universities, 13 students studied combined science at 6 unis

Our science students can choose a combined science degree (e.g. natural) or choose an Engineering route

* Please also see our Engineering & Medicine HE information posters.



Should I study Physics at degree level?

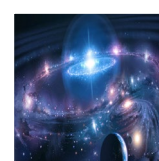
Are you fascinated by how the universe works or the structure of materials? Physics is the study of the nature and properties of matter and energy from the tiny sub-atomic particle to vast galaxies

You will have about 20 hours of teaching each week, mainly lectures, but also tutorials and laboratory experiments. Contact time is higher studying science degrees due to lab work.



Types of degree

- You can choose to study straight physics or a closely related subject, for example
- Astrophysics
- Theoretical
- Physics also combines well with other subjects or may well have a focus on research or industry placements



Entry Requirements

- A-levels (or equivalent) usually required
- Maths
- Physics
- Useful to have
- Chemistry
- Further maths

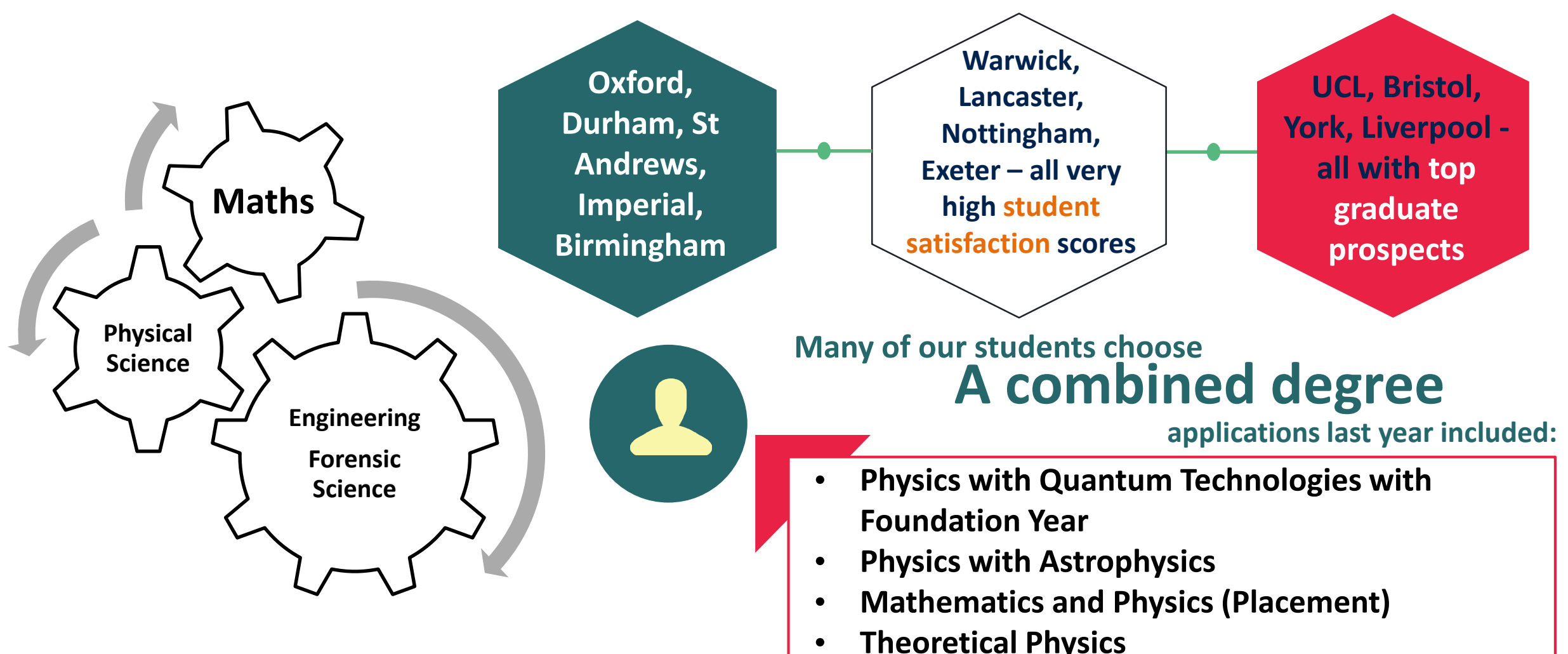


Example degree modules

- Laboratory physics
- Contemporary physics
- Mathematical techniques
- Quantum physics
- Newtonian and relativistic mechanics
- Plasma and fluids
- Special and general relativity
- Analysing the nanoscale and magnetism
- Stellar physics

Top 10 Universities for Physics

Complete University Guide 2020



Why not try a foundation degree..

Sussex
AAA

A level grades
or BTEC
equivalents

York
BBC

UEA
BBB

Surrey
(with
Foundation Year)
CCC

.....or degree /
higher
apprenticeship

Range of
opportunities
National
Physics
Laboratory