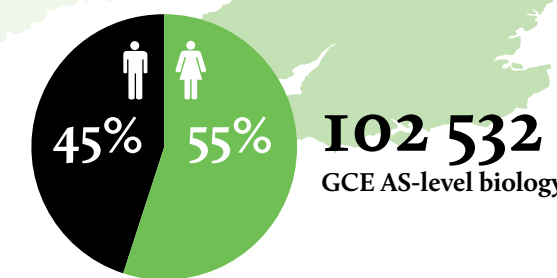
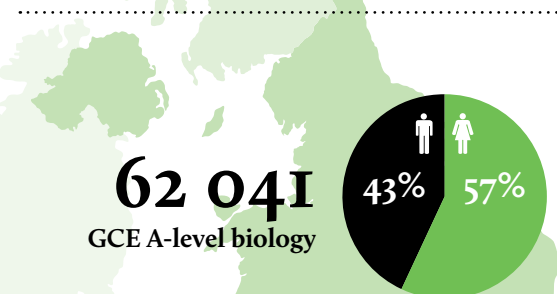
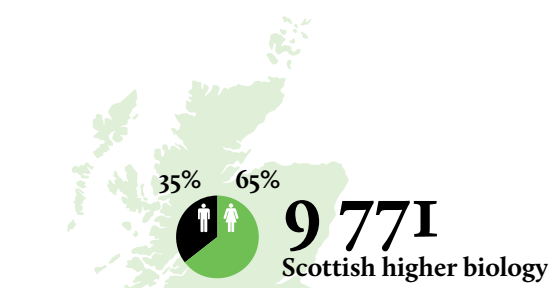


Careers

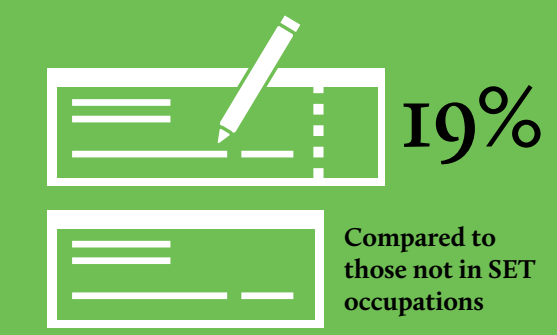
Biology careers in the UK by numbers

NUMBER TAKING POST-16 BIOLOGY IN 2011



Sources: www.jcq.org.uk/national_results/index.cfm and www.sqa.org.uk/sqa/47250.html

WAGE PREMIUM FOR SCIENCE, ENGINEERING OR TECHNOLOGY (SET) OCCUPATIONS



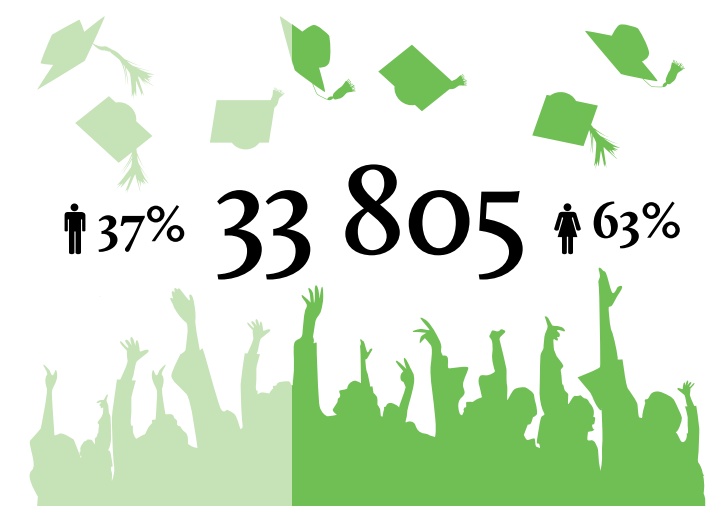
Sources: www.raeng.org.uk/news/publications/list/reports/STEM_WageReturns.pdf

THE NUMBER OF DEGREE COURSES FOR WHICH A BIOLOGY A LEVEL IS SPECIFIED AS A REQUIREMENT OR ADVANTAGE

- 25
- Geography
 - Optometry (ophthalmic optics)
 - Geology
 - Medical science
 - Environmental science/studies
 - Biochemistry
 - Medicine
 - Biology
 - Dietetics
 - Orthoptics
 - Materials science
 - Science dentistry
 - Sports science
 - Biomedical sciences
 - Biomedical materials
 - Physiotherapy
 - Veterinary science
 - Midwifery
 - Pharmacy
 - Speech therapy
 - Physical education
 - Psychology
 - Earth sciences
 - Nursing
 - Archaeology

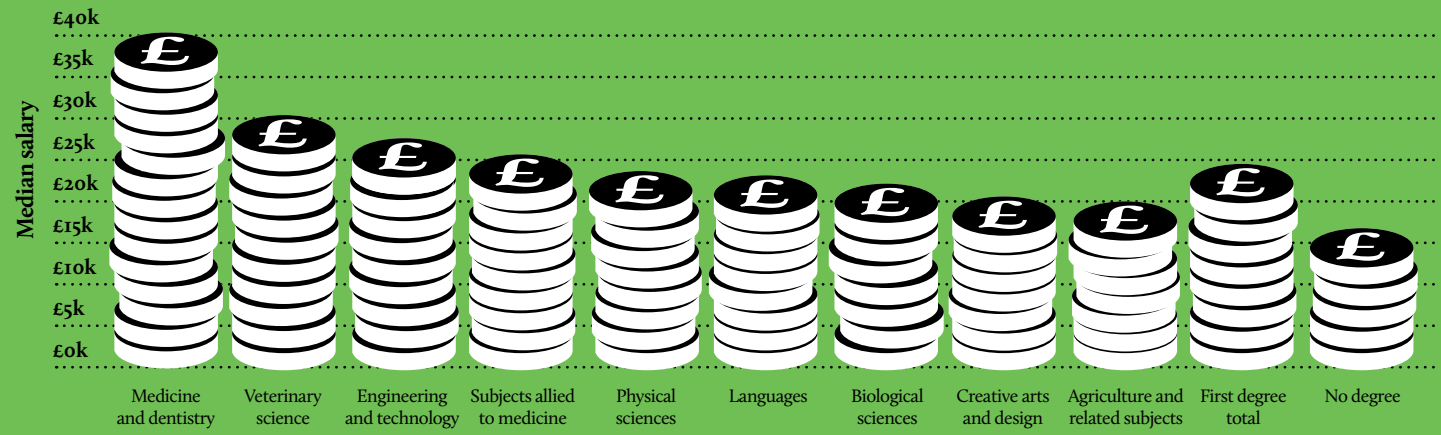
Biology is valued on many other courses in addition to these.
Source: russellgroup.org/Informed%20Choices%20final.pdf

UK BIOLOGICAL SCIENCES GRADUATES IN 2010/11



This includes biology, genetics, sports science, psychology, biochemistry, zoology and botany, among others.
Source: www.hesba.ac.uk

EARNINGS 3.5 YEARS AFTER LEAVING UNDERGRADUATE STUDIES



Source: www.ons.gov.uk/ons/rel/lmac/graduate-earnings-over-the-last-decade/2011/graduate-earnings-over-the-last-decade.html

PEOPLE EMPLOYED IN SCIENCE-BASED OCCUPATIONS IN THE UK



Projections show that if increases continue, 7.1m people will be employed in a science role by 2030.
Source: www.sciencecouncil.org/sites/default/files/UK_Science_Workforce_FinalReport_TBR_2011.pdf

FINDING DATA

Putting this diagram together, we found that different sources gave different numbers for the same thing. Why don't they match?

Well, data can be interpreted in different ways, and estimates can be made using different methods and/or baseline data. Definitions matter, too – different sources might define 'biology' or 'science' differently.

Which should you choose? The source itself is important – is it reliable? Are the figures recent? How might an organisation's 'agenda' affect how it calculates and presents data?