

# Healthcare Science Career of the Week



## Vascular Scientist

Area of HCS: Physiological Science

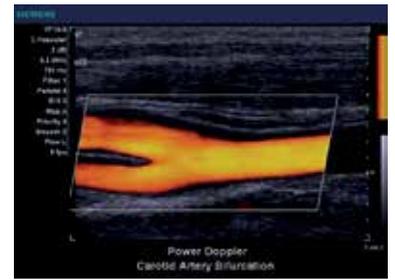
Pay scale: Band 4-7 £18k-£55k

**AMAZING FACT** | The heart pumps on average 7200 litres of blood per day.

There are 60,000 miles of blood vessels in the human body and these guys explore the lot. They use non-invasive techniques like ultra-sound to examine the blood vessels and blood flow speed.

They are trained to depict and investigate the images that the sound waves bounce back to the computer. The images can be used to diagnose illnesses such as: strokes, aneurysms, and deep thromboses.

Alongside this, they help the future development of non-invasive procedures to assess blood flow and work with surgeons, nurses and other vascular specialists.



## AMAZING FACT 2

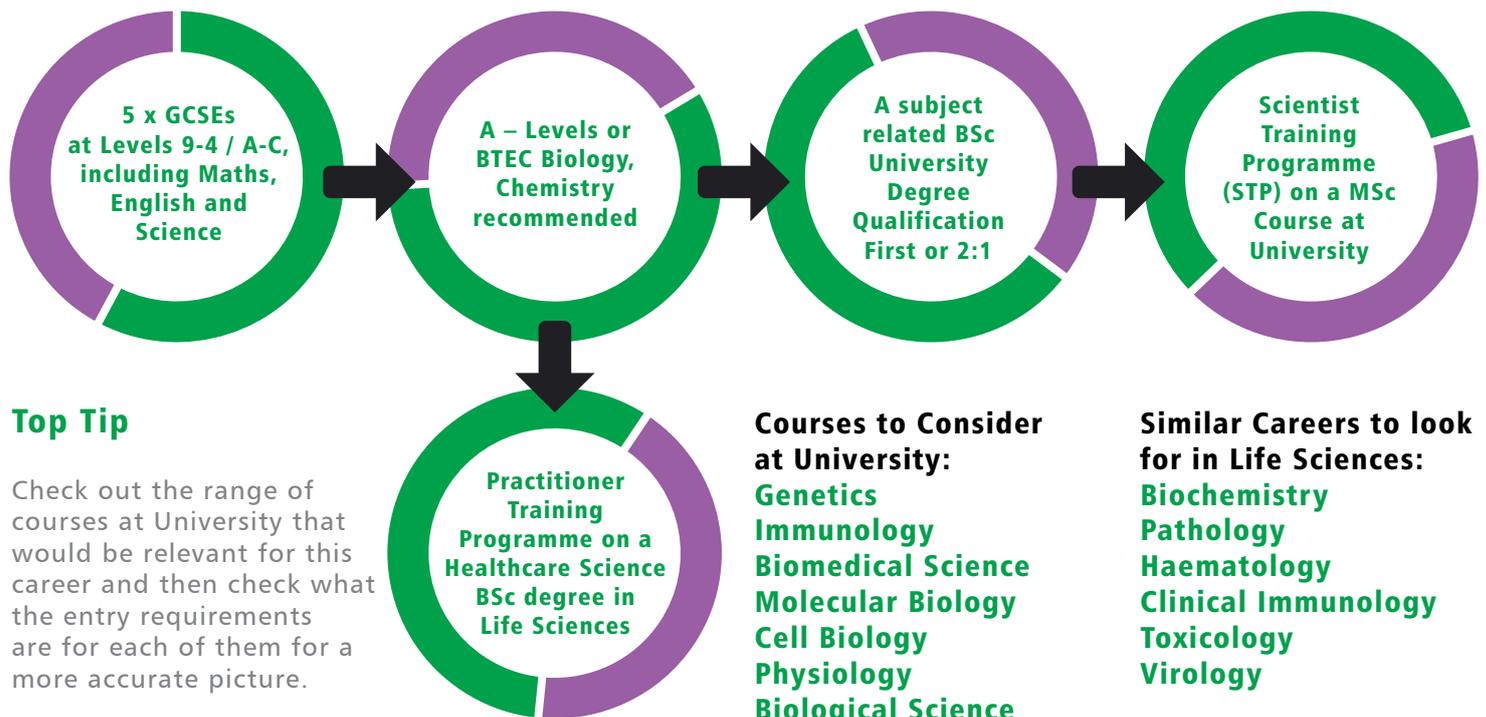
There are approx. 60,000 miles of blood vessels in your body! That is enough to go around the earth two and bit times!



### SEARCH

You can find loads of great resources and videos on the heart and blood vessels by visiting [www.medicalmavericks.co.uk/book](http://www.medicalmavericks.co.uk/book)

## What to do to get into this career...



### Top Tip

Check out the range of courses at University that would be relevant for this career and then check what the entry requirements are for each of them for a more accurate picture.

### Courses to Consider at University:

Genetics  
Immunology  
Biomedical Science  
Molecular Biology  
Cell Biology  
Physiology  
Biological Science

### Similar Careers to look for in Life Sciences:

Biochemistry  
Pathology  
Haematology  
Clinical Immunology  
Toxicology  
Virology



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