

# Healthcare Science Career of the Week



## Cardiac Scientist

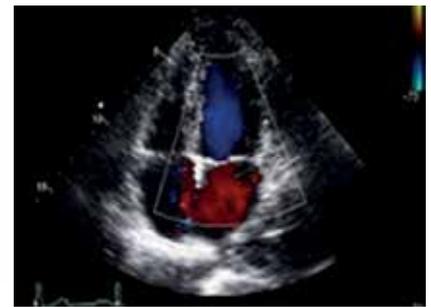
Area of HCS: Physiological Science  
Pay scale: Band 5-8 (22k-£80k)

**AMAZING FACT** | A 12 lead ECG actually only has 10 cables. The 12 "lead" is due to the 12 different voltage traces you get.

These guys are at the heart of a hospital. They carry out tests daily on patient's that diagnose or monitor patients hearts from babies to the elderly.

Although they work alongside a range of healthcare professionals, they often interact with the patients using a range of different medical test from electrocardiograms (See Right Top) and echocardiograms (See Right Bottom) to pacemaker implantation and exercise stress tests.

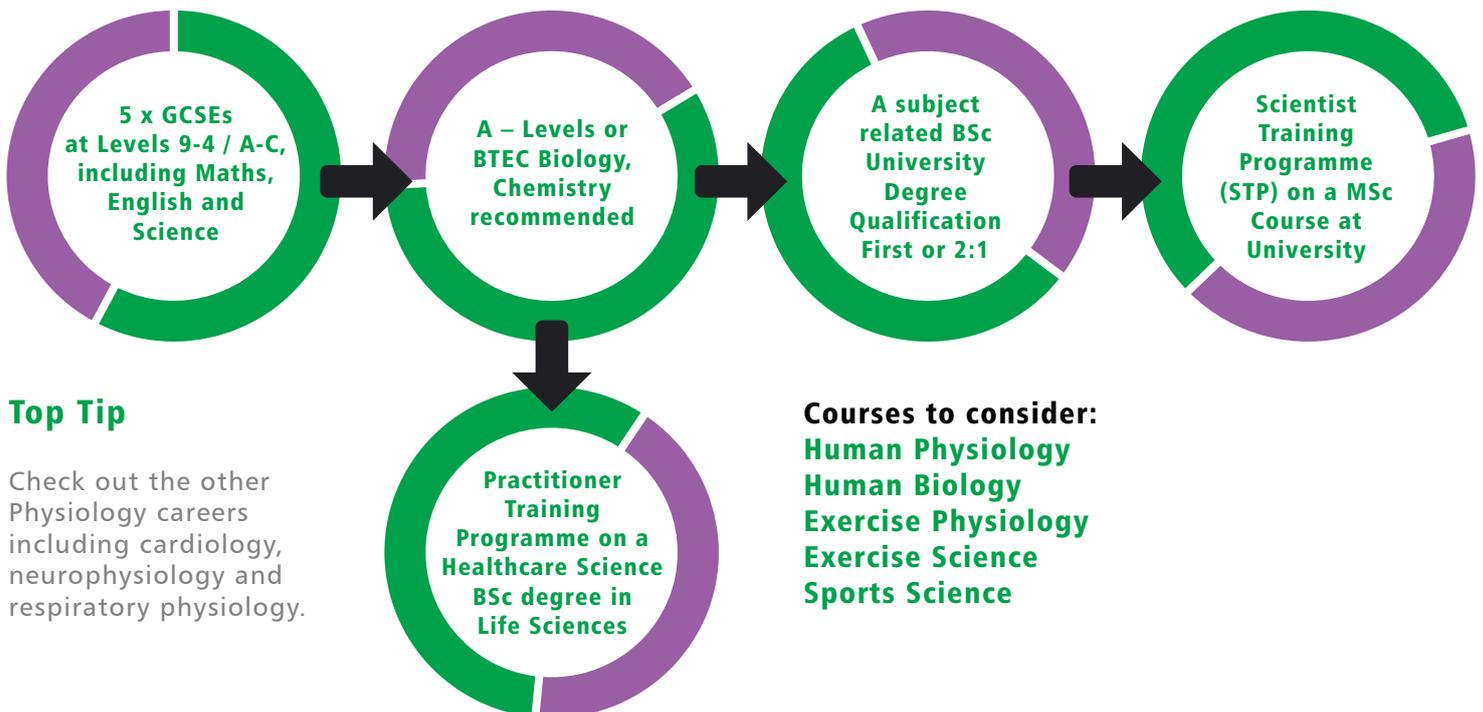
As with every area of medicine there is often chance to work within research which enables the patients to receive top quality healthcare.



### SEARCH

You can find out more about how the heart works and actually see a video of Tom's heart beating on the screen by going to [www.medicalmavericks.co.uk/book](http://www.medicalmavericks.co.uk/book) There are a couple of video's as well as a PDF download of the cardiac cycle.

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



### Top Tip

Check out the other Physiology careers including cardiology, neurophysiology and respiratory physiology.

### Courses to consider:

**Human Physiology**  
**Human Biology**  
**Exercise Physiology**  
**Exercise Science**  
**Sports Science**



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