

# Healthcare Science Career of the Week



## Respiratory Physiologist

Area of HCS: Physiological Science

Pay scale: Band 4-7 £18k-£55k

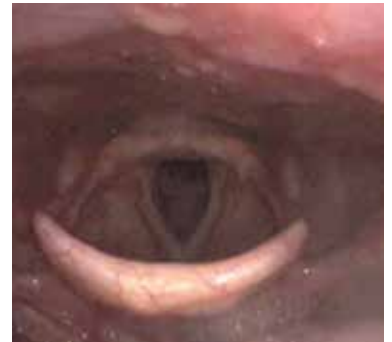
### AMAZING FACT

People who travel to altitude can stop breathing for up to 30 seconds while sleeping; a phenomenon called periodic breathing.

Working one on one with patients they use a range of tests during rest, exercise and even while patients sleep, to identify lung function problems.

Not only do they help find the main issues with the patients lungs, e.g. asthma or emphysema they also monitor patients to make sure treatment is working and, if it's not, decide what to do.

Some patients struggle with breathing at night and their airway can actually collapse while they sleep. So these scientists set up certain experiments to detect the problem and decide how to manage it, normally with long-term treatments.

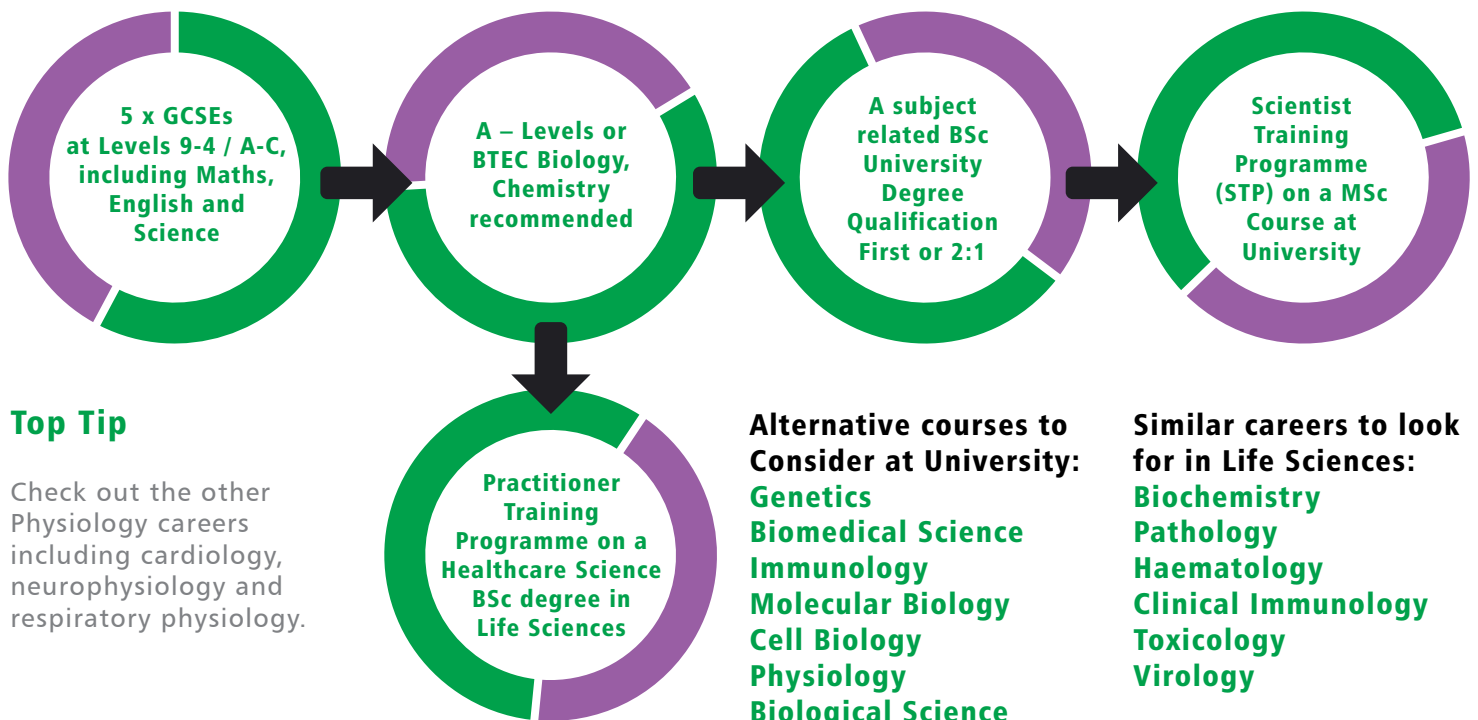


#### VIDEO

Tom had a series of respiratory tests over 4 weeks at Southampton General Hospital as part of a study in asthma. You can them all including a video of a bronchoscopy, where you get to see inside his lungs! Check out [www.medicalmavericks.co.uk/book](http://www.medicalmavericks.co.uk/book) to see them all!



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



#### Top Tip

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



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