

Healthcare Science Career of the Week



Urodynamic Scientist

Area of HCS: Physiological Science

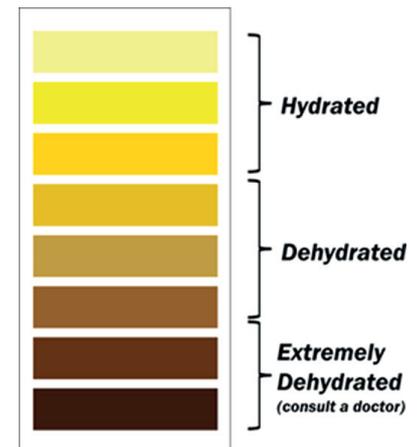
Pay scale: Band 4-7 £18k-£55k

AMAZING FACT | Your bladder can hold just over 1 pint of fluid!

These guys work alongside urologists in diagnosing and treating patients who suffer or have problems with their urinary tract. This normally involves using specialised equipment that can measure the speed at which fluid travels along the urethra and then interpreting the data from these tests to design a treatment plan for patients.

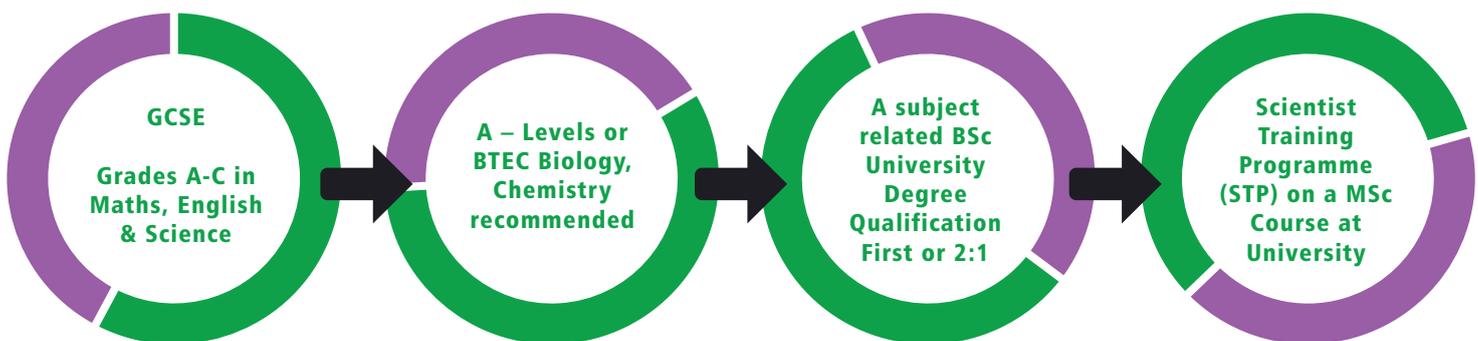
There are other tests that look at pressures within the bladder, even checking whether muscles that control urine output are working properly or not. This can be invasive or non-invasive. The muscles that control if you want to let your urine out or not are called Sphincters.

The patients you work with may be embarrassed about their condition as it could lead to them wetting themselves and having poor bladder control. Therefore you need to be mature, understanding and sympathetic to their condition, treating them with respect and care.



Scale of hydration from the colour of your urine

What to do to get into this career...



Top Tip

Try and get some sort of work experience or placement within a medical or hospital setting. This would be beneficial when applying for the post graduate course.

AMAZING FACT 2

20% of men don't wash their hands after going to the toilet, compared to 10% of women!

Courses to Consider at University:

Human Biology
Physiology
Biomedical Science

AMAZING FACT 3

When you wee, your average flow rate is around 10-12mL / second.... That's just over half a litre per minute!



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Healthcare Science Career of the Week



Radiation Safety Physicist

Area of HCS: Clinical Engineering & Medical Physics

Pay scale: Band 4-7 (£18k-£55k)

AMAZING FACT | The hyoid bone in your throat is the only bone in your body not attached to any other. (See below)

A key tool in treating patients is using techniques that can be used to get different images of patient from x-rays to using radioactive dyes. It's the job of these guys to make sure all the equipment and chemicals are safe for use, both for the patient and the doctor carrying out the procedure.

You shall work alongside a host of special areas in a hospital from acute medicine to radiology.

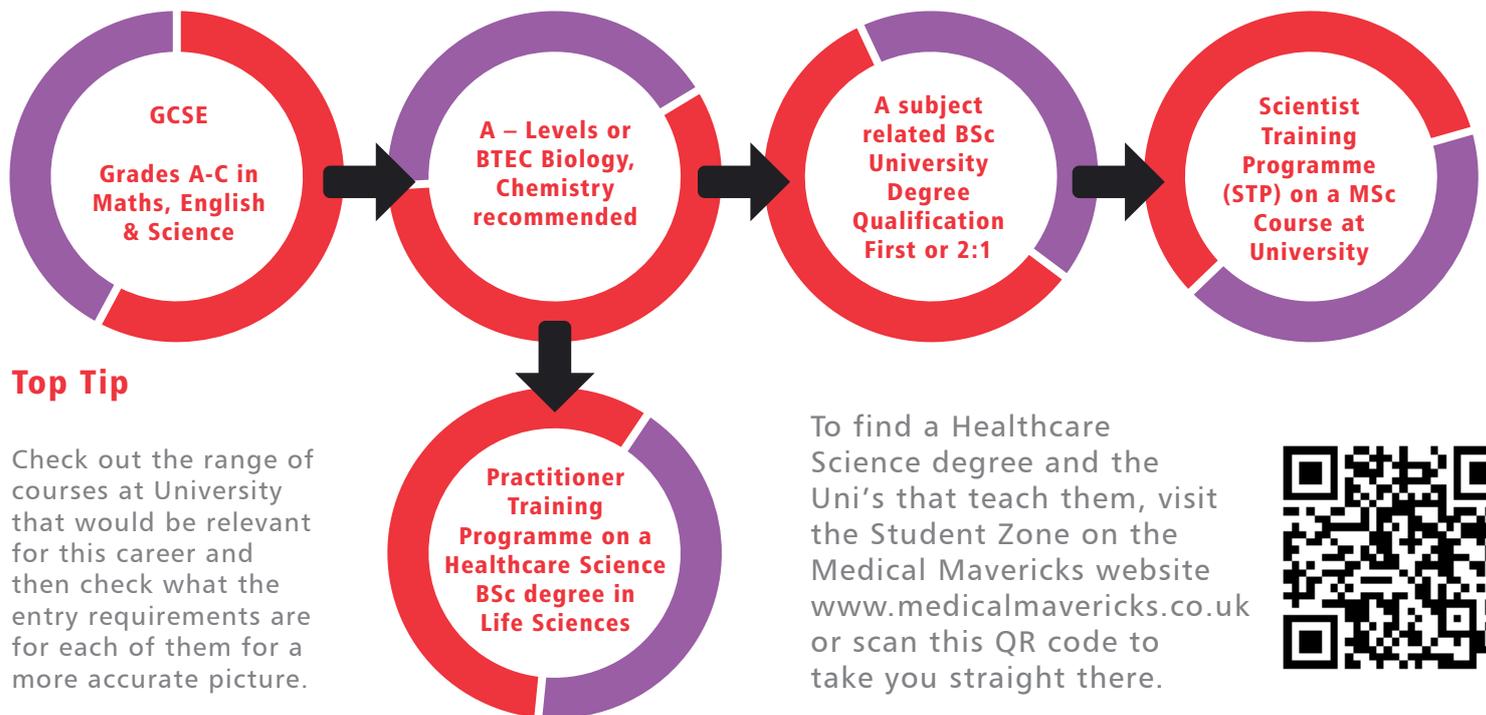
Techniques and research are always changing and you will have the chance to work with some of the most innovative pieces of equipment.



HAVE YOU CONSIDERED?

If you are interested in physics, imaging or even radiation, there are several other careers for you to consider. Check out Radiotherapist, Radiographer as well as a Clinical Pharmaceutical Scientist.

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.

To find a Healthcare Science degree and the Uni's that teach them, visit the Student Zone on the Medical Mavericks website www.medicalmavericks.co.uk or scan this QR code to take you straight there.



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