

Healthcare Science Career of the Week



Urodynamic Scientist

Area of HCS: Physiological Science

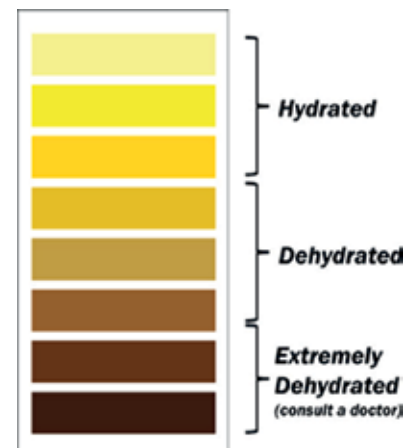
Pay scale: Band 4-7 £18k-£55k

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.

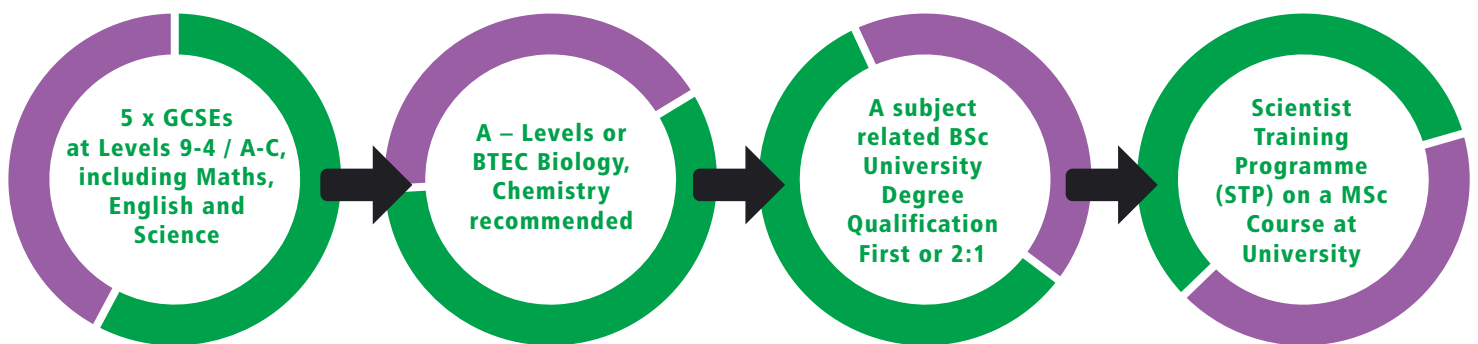
There are other tests that look at pressures within the bladder, even checking whether muscles that control urine output are working properly or not. This can be invasive or non-invasive. The muscles that control if you want to let your urine out or not are called Sphincters.

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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