

Healthcare Science Career of the Week



Radiotherapy Physics

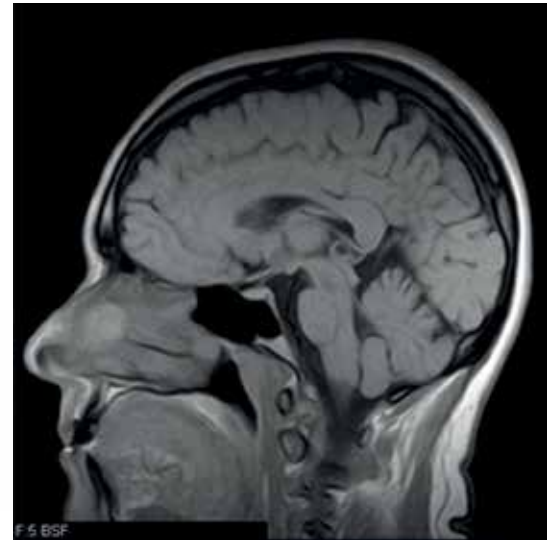
Area of HCS: Clinical Engineering & Medical Physics

Pay scale: £30k-£80k

AMAZING FACT

An MRI currently under construction will produce 11.75 Teslas. The Hadron Collider, used to smash particles, creates 8.4!!

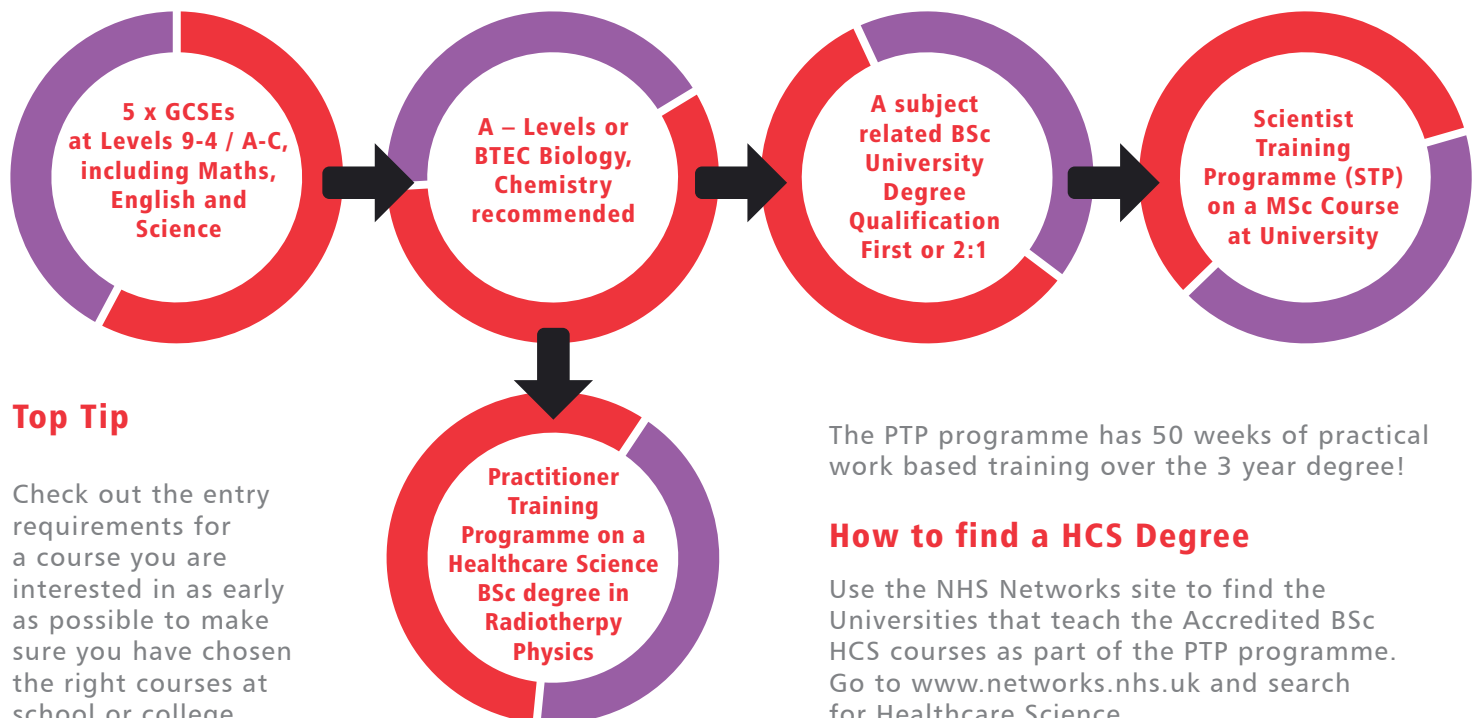
Based in the Radiology part of a hospital, they use their X-ray machines to apply high doses of radiation to a patient's body with high precision. They repeat this over a number of weeks in the hope of treating cancer cells. Before they start this treatment they have to carry out a number of other tests such as MRI and CT scans, this gives them the correct area to concentrate on therefore hopefully reducing the possibility of damaging any healthy tissue surrounding the tumour.



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 Radiation Safety Physicist.

What to do to get into this career...



How to find a HCS Degree

Use the NHS Networks site to find the Universities that teach the Accredited BSc HCS courses as part of the PTP programme. Go to www.networks.nhs.uk and search for Healthcare Science.



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