

Healthcare Science Career of the Week



Ophthalmic and Vision Scientist

Area of HCS: Physiological Science

Pay scale: Band 4-7 £18k-£55k

AMAZING FACT | An Amazing 70% of the body's receptors are in the eye!!!

A career to keep your eye on, with a diverse range of tests and assessments are used to diagnose and manage conditions such as glaucoma, cataracts and damage to the back of the eye, the retina.

There are some really cool pieces of equipment that can create images of your eye. These include creating a 4-D image of the optic nerve leaving your eye inside your skull, as well as imaging the individual cells that make up your cornea at the front of your eye!

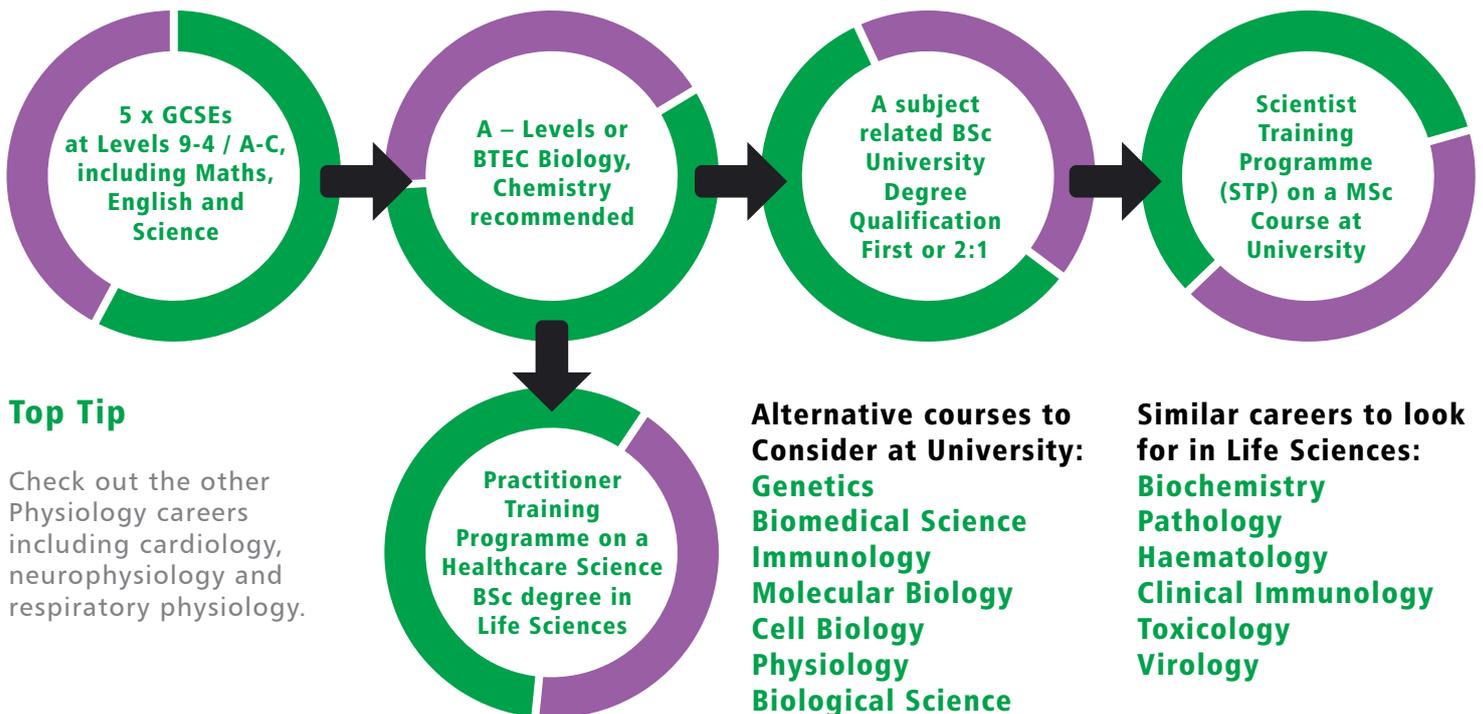
Your cornea is so precious that you only have one set of cells in your cornea for your entire life! They don't renew or regenerate, so look after your corneas!



VIDEO

We met an awesome ophthalmic scientist in Bristol who did all sorts of scans to Tom's eyes as well as answer questions on her job. You can see how the pictures above were taken and what she had to say by visiting www.medicalmavericks.co.uk/book

What to do to get into this career...



Top Tip

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

Alternative courses to Consider at University:

- Genetics
- Biomedical Science
- Immunology
- Molecular Biology
- Cell Biology
- Physiology
- Biological Science

Similar careers to look for in Life Sciences:

- Biochemistry
- Pathology
- Haematology
- Clinical Immunology
- Toxicology
- Virology



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