

# Healthcare Science Career of the Week



## Biomedical Scientist: Infection Science

Area of HCS: Life Science  
Pay scale: Band 4-8 £18k-£68k

**AMAZING FACT** | Over half of all deaths attributed to infectious diseases come from tuberculosis, malaria, and AIDS

One of the three Biomedical Scientists: Infection Scientists are one of the unsung heroes of the day-to-day running of a hospital. They are found in the labs hidden away from the public they run test after test to provide rapid diagnosis of an infectious disease so they can find the best treatment for the patient.

Ever had food poisoning? These are the guys who would test stomach samples to find the cause. They also play a key role in running screening for infectious diseases such as HIV & Rubella as well as testing how well treatments battle different infections.



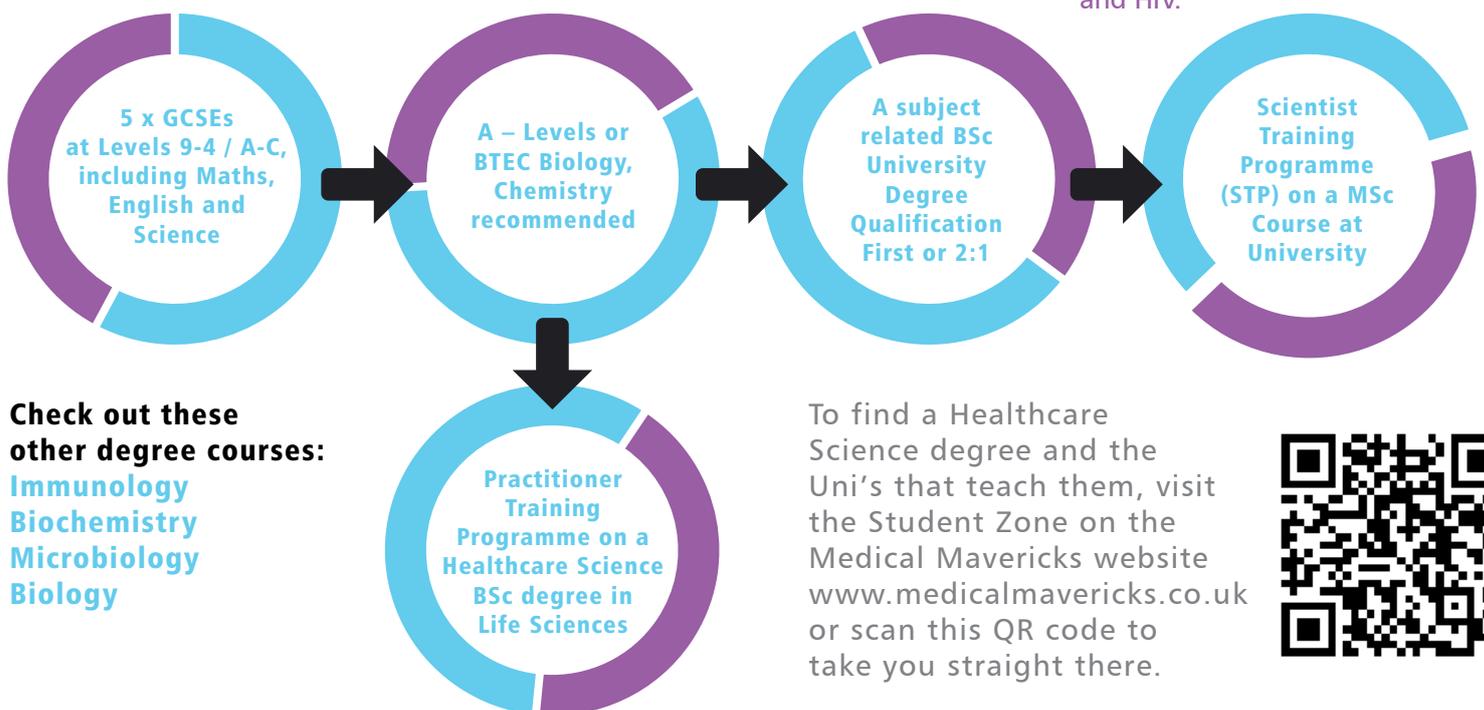
## AMAZING FACT 3

Did you know that Infection Scientists would be working on outbreaks of diseases like Ebola that occurred in 2014. Ebola is a very deadly viral disease and is extremely infectious. Those infected by the virus end up bleeding internally and externally and usually die because of fluid loss.

## AMAZING FACT 2

There are two specialisms within infection science. The first is medical microbiology, which looks at diseases like meningitis as well as how anti-biotics work. The second is virology, which looks at viral infections including hepatitis and HIV.

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



Check out these other degree courses:

Immunology  
Biochemistry  
Microbiology  
Biology

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](http://www.medicalmavericks.co.uk) or scan this QR code to take you straight there.



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