

Level 3 National Extended Certificate (AAQ) in Medical Science



Course Level: Level 3

Campus: Stafford

Subject Type: Science & Maths

Course Overview:

The Pearson Level 3 Alternative Academic Qualification (AAQ) in Medical Science is designed for students interested in human health, disease, healthcare and medical research. Equivalent in size to one A Level, the qualification combines scientific theory with practical laboratory skills and provides an excellent foundation for progression to Higher Education and careers within the health and life sciences sectors.

This course is designed to be studied alongside two other A levels and combines particularly well with Psychology and Sport. It is ideal for students interested in healthcare, biomedical science and related professions.

What's Covered:

The Medical Science qualification explores how the human body functions, the causes and treatment of disease, and the scientific techniques used to investigate health conditions and improve patient outcomes

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Human Physiology, Anatomy and Pathology

Study the structure and function of major body systems, how the body maintains health and how disease affects normal physiological processes.

Health Issues and Scientific Reporting

Explore current health issues, the immune system, genetics and the communication of reliable scientific evidence.

Practical Microbiology and Infectious Disease

Develop laboratory skills while investigating microorganisms, infectious diseases and methods used to prevent and control their spread

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Disease, Treatment and Therapy

Examine how diseases and disorders are diagnosed and treated, including the development of medicines and healthcare interventions.

Throughout the course, you'll develop practical laboratory, analytical and problem-solving skills valued by universities and employers.

Entry Requirements:

A minimum of five GCSEs at Grade 5 or above, including English Language, Mathematics and Science, alongside the College's general entry requirements for Level 3 study.

Assessment Information:

Assessment is through a combination of externally assessed examinations and internally assessed coursework. Students will complete assessment activities based on human physiology, health issues, scientific reporting, microbiology and medical science investigations, providing opportunities to demonstrate both theoretical understanding and practical application of scientific knowledge.

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Fees and Financial Support:

This course is free for anyone aged 16 – 18.

College Maintenance Allowance (CMA):

Anyone with a gross household income under £35,000 can receive financial support to cover college related costs such as transport, meals, course equipment and uniform. Bursary support is based on individual circumstances and will be allocated to best suit your individual needs. A range of other financial support is available depending on your personal circumstances. For more details visit nscg.ac.uk/finance

Progression:

(AAQ) Medical Science can lead to a pathway or career in the health sector. Example career options include Nursing, Physiotherapist or Psychologist.

What else do I need to know?

This course will need to be studied alongside either the Diploma in Applied Science or 2 A Levels that complement this subject e.g. Chemistry or Psychology.

The course includes practical laboratory work and investigative activities, allowing students to apply scientific knowledge to real-world health and medical contexts while developing skills used by scientists and healthcare professionals.

Find out more
[here](#)

How do I find out more?

If you wish to find out more you can contact James Walker, Course Leader at james.walker@nscg.ac.uk