

# Medical Science (Applied Diploma)

Medical Science is the science of dealing with the maintenance of health and the prevention and treatment of diseases. The Level 3 Applied Diploma in Medical Science is for learners who are interested in careers related to healthcare and medical research. Medical scientists are at the forefront of healthcare services, as they are vital in the diagnosis of disease, determining the effectiveness of treatments and searching for new cures. The Level 3 Applied Diploma in Medical Science is for learners who have already enjoyed and been successful in science. The level 3 Applied Diploma is equivalent in size to one A level and would be studied alongside 2 A Levels.

## Subject content

The course covers the key topic areas of health, physiology and disease, as well as providing the opportunity to study the areas of pharmacology, physiological measurement, clinical testing and medical research. Learners are required to complete 6 units:

- Unit 1: Human health and disease
- Unit 2: Physiological measurement techniques
- Unit 3: Medical Science research methods
- Unit 4: Medicines and treatment of disease
- Unit 5: Clinical laboratory techniques
- Unit 6: Medical case study

Applied Diploma in Medical Science course specifications [[https://www.educas.co.uk/qualifications/medical-science/wjec-applied-diploma-in-medical-science-spec-from-2016-e%20281118.pdf?language\\_id=1](https://www.educas.co.uk/qualifications/medical-science/wjec-applied-diploma-in-medical-science-spec-from-2016-e%20281118.pdf?language_id=1)]

## Specific entry requirements

GCSE Combined Science at level 4 or above **or** GCSE Biology at level 4 or above **plus** GCSE Maths at level 4 or above

## Learning methods

The course will be delivered through a variety of teaching and learning methods which will include group work, practical activities, research tasks and independent learning. Learners need to be able to work well independently and meet coursework deadlines.

## Assessment

You will be assessed using a combination of internal and external assessments. These units will be internally assessed: • Physiological measurement techniques • Medical Science research methods • Medicines and treatment of disease These units will be externally assessed: • Human health and disease (via written examinations) • Clinical laboratory techniques (via an externally set and marked task based assessment) • Medical case study (via written examinations) The Level 3 Applied Diploma in Medical Science qualification is graded A\*-E

## Progression opportunities

This course will equip you with scientific knowledge and understanding and the practical skills to

support progression to a range of job roles within health care. When supported by other appropriate qualifications, the course will enable progression to a range of Applied Science Higher Education programmes, such as biomedical science, life sciences and physiology. Please note: This course does not allow progression into medicine, dentistry, pharmacy or veterinary science.

**Last updated:** 20th September 2019

## **Want to apply?**

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