

Edexcel BTEC Level 3 Extended Diploma in Applied Science (Medical Science)

The Edexcel BTEC Level 3 Extended Diploma in Applied Science (Medical Science) is a 180-credit and 1080 guided learning hour (GLH) qualification that consists of **six** mandatory units **plus** optional units that provide for a combined total of 180 credits (where at least 135 credits must be at level 3 or above).

The units for the BTEC qualifications in this specification are available on our website (www.edexcel.com).

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Unit	Mandatory units	Credit	Level
1	Fundamentals of Science	10	3
2	Working in the Science Industry	10	3
3	Scientific Investigations	10	3
4	Scientific Practical Techniques	10	3
5	Perceptions of Science	10	3
6	Using Mathematical Tools in Science	5	2
Unit	Specialist units - select unit(s) to give an overall total of 180 credits		
7	Mathematical Calculations for Science	5	3
8	Using Statistics in Science	5	3
9	Informatics in Science	5	3
10	Using Science in the Workplace	10	3
11	Physiology of Human Body Systems	10	3
12	Physiology of Human Regulation and Reproduction	10	3
13	Biochemistry and Biochemical Techniques	10	3
14	Energy Changes, Sources and Applications	10	3
15	Microbiological Techniques	10	3
16	Chemistry for Biology Technicians	10	3
17	Electrical Circuits and their Applications	10	3
18	Genetics and Genetic Engineering	10	3
19	Practical Chemical Analysis	10	3
20	Medical Physics Techniques	10	3
21	Biomedical Science Techniques	10	3
22	Chemical Laboratory Techniques	10	3
25	Electronics for Science Technicians	10	3
29	Physiological Investigations	10	3
30	Medical Instrumentation	10	3
41	Clinical Psychology	10	3
43	Diseases and Infections	10	3