Edexcel BTEC Level 3 Subsidiary Diploma in Applied Science

The Edexcel BTEC Level 3 Subsidiary Diploma in Applied Science is a 60-credit and 360 guided learning hour (GLH) qualification that consists of 3 mandatory units **plus** optional units that provide for a combined total of 60 credits (where at least 45 credits must be at Level 3 or above).

The units for the BTEC Nationals in Applied Science are on the CD ROM contained within the specification pack.

Edexcel BTEC Level 3 Subsidiary Diploma in Applied Science			
Unit	**Mandatory units**	**Credit**	**Level**
1	Fundamentals of Science	10	3
2	Working in the Science Industry	10	3
4	Scientific Practical Techniques	10	3
Unit	**Optional units**		
5	Perceptions of Science	10	3
6	Using Mathematical Tools in Science	5	2
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
22	Chemical Laboratory Techniques	10	3
23	Science for Environmental Technicians	10	3
24	Principles of Plant and Soil Science	10	3

Edexcel BTEC Level 3 Subsidiary Diploma in Applied Science			
26	Industrial Chemical Reactions	10	3
27	Chemical Periodicity and Its Applications	10	3
28	Industrial Applications of Organic Chemistry	10	3
42	Geology of Natural Resources	10	3
44	Astronomy	10	3
45	Basic Polymer Technology	10	3
46	Plastics Materials	10	3
47	Plastics Processing	10	3
48	Polymer Process Engineering	10	3
49	Rubber Products and Specialist Elastomers	10	3
50	Rubber Technology	10	3
51	Mechanical and Thermal Treatment of Metals	10	3
52	Structure and Properties of Metals	10	3
53	Extraction and Refining of Metals	10	3

Edexcel BTEC Level 3 Diploma in Applied Science

The Edexcel BTEC Level 3 Diploma in Applied Science is a 120-credit and 720 guided learning hour (GLH) qualification that consists of 6 mandatory units **plus** optional units that provide for a combined total of 120 credits (where at least 90 credits must be at Level 3 or above).

The units for the BTEC Nationals in Applied Science are on the CD ROM contained within the specification pack.

Edexcel BTEC Level 3 Diploma in Applied Science			
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	**Optional units**		
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 Industrial Applications	10	3
18	Genetics and Genetic Engineering	10	3
19	Practical Chemical Analysis	10	3
20	Medical Physics Techniques	10	3
22	Chemical Laboratory Techniques	10	3
23	Science for Environmental Technicians	10	3
24	Principles of Plant and Soil Science	10	3

Edexcel BTEC Level 3 Diploma in Applied Science			
26	Industrial Applications of Chemical Reactions	10	3
27	Chemical Periodicity and its Applications	10	3
28	Industrial Applications of Organic Chemistry	10	3
41	Clinical Psychology	10	3
42	Geology of Natural Resources	10	3
43	Diseases and Infections	10	3
44	Astronomy	10	3
45	Basic Polymer Technology	10	3
46	Plastics Materials	10	3
47	Plastics Processing	10	3
48	Polymer Process Engineering	10	3
49	Rubber Products and Specialist Elastomers	10	3
50	Rubber Technology	10	3
51	Mechanical and Thermal Treatment of Metals	10	3
52	Structure and Properties of Metals	10	3
53	Extraction and Refining of Metals	10	3

Edexcel BTEC Level 3 Extended Diploma in Applied Science

The Edexcel BTEC Level 3 Extended Diploma in Applied Science is a 180-credit and 1080 guided learning hour (GLH) qualification that consists of 6 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 Nationals in Applied Science are on the CD ROM contained within the specification pack.

Edexcel BTEC Level 3 Extended Diploma in Applied Science			
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	**Optional units**		
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
23	Science for Environmental Technicians	10	3

Edexcel BTEC Level 3 Extended Diploma in Applied Science			
24	Principles of Plant and Soil Science	10	3
25	Electronics for Science Technicians	10	3
26	Industrial Chemical Reactions	10	3
27	Chemical Periodicity and its Applications	10	3
28	Industrial Applications of Organic Chemistry	10	3
41	Clinical Psychology	10	3
42	Geology of Natural Resources	10	3
43	Diseases and Infections	10	3
44	Astronomy	10	3
45	Basic Polymer Technology	10	3
46	Plastics Materials	10	3
47	Plastics Processing	10	3
48	Polymer Process Engineering	10	3
49	Rubber Products and Specialist Elastomers	10	3
50	Rubber Technology	10	3
51	Mechanical and Thermal Treatment of Metals	10	3
52	Structure and Properties of Metals	10	3
53	Extraction and Refining of Metals	10	3