A BTEC Extended Diploma in Applied Science [Pre 2016]

**Biological Sciences [C100, C900], Zoology [C300], Genetics [C400], Microbiology [C500], Tropical Disease Biology [C111], Human Physiology [B120] and Bioveterinary Science [D900]:** All units in Group A are required along with at least 6 units from Groups B and C [below]

**Biological and Medical Sciences [C130], Biochemistry [C700], Pharmacology [B210] and Anatomy and Human Biology [B110]:** All in units Group A are required along with at least 4 units from Group B.

**Group A**

11. Physiology of Human Body Systems
12. Physiology of Human Regulation and Reproduction
13. Biochemistry and Biochemical Techniques
18. Genetics and Genetic Engineering

**Group B**

16. Chemistry for Biology Technicians
19. Practical Chemical Analysis
22. Chemical Laboratory Techniques
26. Industrial Applications of Chemical Reactions
27. Chemical Periodicity and Its Applications
28. Industrial Applications of Organic Chemistry

**Group C**

7. Mathematical Calculations for Science
8. Using Statistics in Science
15. Microbiological Techniques
20. Medical Physics Techniques
21. Biomedical Science Techniques
24. Principles of Plant and Soil Science
43. Diseases and Infections

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A BTEC Extended Diploma in Applied Science [Post 2016]

**Biological Sciences [C100, C900], Zoology [C300], Genetics [C400], Microbiology [C500], Tropical Disease Biology [C111], Human Physiology [B120], Anatomy and Human Biology [B110] and Bioveterinary Science [D900]:**

**Applied Science Pathway and Biomedical Science Pathway**

8. Physiology of Human Body Systems
   And/or
9. Human Regulation and Reproduction
   Plus both of
10. Biological Molecules and Metabolic Pathways
11. Genetics and Genetic Engineering
   Plus remaining units from:
12. Diseases and Infections
13. Applications of Inorganic Chemistry
17. Microbiology and Microbiological Techniques
18. Industrial Chemical Reactions
Biological and Medical Sciences [C130], Biochemistry [C700] and Pharmacology [B210]:

**Applied Science Pathway only**
8 Physiology of Human Body Systems
   *Or*
9 Human Regulation and Reproduction
   *Plus both of*
10 Biological Molecules and Metabolic Pathways
11 Genetics and Genetic Engineering
   *Plus three from:*
13 Applications of Inorganic Chemistry
14 Applications of Organic Chemistry
18 Industrial Chemical Reactions
19 Practical Chemical Analysis