

BTEC National Diploma & A2 Combinations

Students offering level 3 BTEC qualifications will need to complete a science A2. Entry is typically considered with the BTEC Diploma and one science A2 (suitable subjects and units). We do not accept the BTEC Extended Diploma as a standalone qualification.

The information below details the BTEC units required depending on the science A2 that is taken. Please note we also consider 2 A2 and subsidiary BTEC combinations, but given the large number of possible combinations do not list what we would require here. We will also consider those presenting with a non-science A2 on a case by case basis.

All potential applicants are advised to contact the department in advance to check that your combinations are suitable for entry. Please also note that applicants offering a BTEC will need to pass an interview.

BTEC level 3 diploma A2 Chemistry offered

APPLIED SCIENCE

B900 A @ A2 plus DD in BTEC

B909 A @ A2 plus D*D in BTEC

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

1 [Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

4 [Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

14 Energy Changes, Sources and Applications

15 Microbiological Techniques

17 Electrical Circuits and their Industrial Applications

18 Genetics and Genetic Engineering

20 Medical Physics Techniques

23 Science for Environmental Technicians

24 Principles of Plant and Soil Science

41 Clinical Psychology

42 Geology of Natural Resources

43 Diseases and Infections

44 Astronomy

MEDICAL SCIENCE**B900 A @ A2 plus DD in BTEC****B909 A @ A2 plus D*D in BTEC**

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

1 Fundamentals of Science

2 Working in the Science Industry

3 Scientific Investigations

4 Scientific Practical Techniques

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

15 Microbiological Techniques

17 Electrical Circuits and their Industrial Applications

18 Genetics and Genetic Engineering

20 Medical Physics Techniques

21 Biomedical Science Techniques

25 Electronics for Science Technicians

29 Physiological Investigations

30 Medical Instrumentation

41 Clinical Psychology

43 Diseases and Infections

FORENSIC SCIENCE – NOT ACCEPTED AS FORENSIC UNITS INSUFFICIENT PREPARATION FOR OUR DEGREE PROGRAMME.

BTEC level 3 diploma A2 Biology offered**APPLIED SCIENCE****B900 A @ A2 plus DD in BTEC****B909 A @ A2 plus D*D in BTEC**

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

1 Fundamentals of Science

2 Working in the Science Industry

3 Scientific Investigations

4 Scientific Practical Techniques

5 Perceptions of Science

- 7 Mathematical Calculations for Science
- 8 Using Statistics in Science
- 9 Informatics in Science
- 10 Using Science in the Workplace
- 14 Energy Changes, Sources and Applications
- 16 Chemistry for Biology Technicians
- 17 Electrical Circuits and their Industrial Applications
- 19 Practical Chemical Analysis
- 20 Medical Physics Techniques
- 22 Chemical Laboratory Techniques
- 23 Science for Environmental Technicians
- 24 Principles of Plant and Soil Science
- 26 Industrial Applications of Chemical Reactions
- 27 Chemical Periodicity and its Applications
- 28 Industrial Applications of Organic Chemistry
- 41 Clinical Psychology
- 42 Geology of Natural Resources
- 44 Astronomy

**MEDICAL SCIENCE – NOT ACCEPTED AS INSUFFICIENT ADDITIONAL SCIENCE AREAS
FORENSIC SCIENCE – NOT ACCEPTED AS FORENSIC UNITS INSUFFICIENT PREPARATION FOR
OUR DEGREE PROGRAMME.**

BTEC level 3 diploma **A2 Physics offered**

APPLIED SCIENCE

B900 A @ A2 plus DD in BTEC

B909 A @ A2 plus D*D in BTEC

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

- 1 [Fundamentals of Science](#)
- 2 Working in the Science Industry
- 3 Scientific Investigations
- 4 [Scientific Practical Techniques](#)
- 5 Perceptions of Science

- 7 Mathematical Calculations for Science
- 8 Using Statistics in Science
- 9 Informatics in Science
- 10 Using Science in the Workplace
- 11 Physiology of Human Body Systems
- 12 Physiology of Human Regulation and Reproduction
- 13 Biochemistry and Biochemical Techniques

15 Microbiological Techniques
 16 Chemistry for Biology Technicians
 18 Genetics and Genetic Engineering
 19 Practical Chemical Analysis
 22 Chemical Laboratory Techniques
 23 Science for Environmental Technicians
 24 Principles of Plant and Soil Science
 26 Industrial Applications of Chemical Reactions
 27 Chemical Periodicity and its Applications
 28 Industrial Applications of Organic Chemistry
 41 Clinical Psychology
 42 Geology of Natural Resources
 43 Diseases and Infections

MEDICAL SCIENCE

B900 A @ A2 plus DD in BTEC

B909 A @ A2 plus D*D in BTEC

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

15 Microbiological Techniques

18 Genetics and Genetic Engineering

21 Biomedical Science Techniques

29 Physiological Investigations

30 Medical Instrumentation

41 Clinical Psychology

43 Diseases and Infections

FORENSIC SCIENCE – NOT ACCEPTED AS FORENSIC UNITS INSUFFICIENT PREPARATION FOR OUR DEGREE PROGRAMME.

BTEC level 3 diploma A2 Maths offered

APPLIED SCIENCE

B900 A @ A2 plus DD in BTEC

B909 A @ A2 plus D*D in BTEC

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

1 [Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

4 [Scientific Practical Techniques](#)

5 Perceptions of Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

14 Energy Changes, Sources and Applications

15 Microbiological Techniques

16 Chemistry for Biology Technicians

17 Electrical Circuits and their Industrial Applications

18 Genetics and Genetic Engineering

19 Practical Chemical Analysis

20 Medical Physics Techniques

22 Chemical Laboratory Techniques

23 Science for Environmental Technicians

24 Principles of Plant and Soil Science

26 Industrial Applications of Chemical Reactions

27 Chemical Periodicity and its Applications

28 Industrial Applications of Organic Chemistry

41 Clinical Psychology

42 Geology of Natural Resources

43 Diseases and Infections

44 Astronomy

MEDICAL SCIENCE

B900 A @ A2 plus DD in BTEC

B909 A @ A2 plus D*D in BTEC

9 units at distinction. This must include units 1 and 4 plus 7 others from the list below. No more than 2 units at pass level.

1 [Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

4 [Scientific Practical Techniques](#)

5 Perceptions of Science

- 9 Informatics in Science
- 10 Using Science in the Workplace
- 11 Physiology of Human Body Systems
- 12 Physiology of Human Regulation and Reproduction
- 13 Biochemistry and Biochemical Techniques
- 15 Microbiological Techniques
- 17 Electrical Circuits and their Industrial Applications
- 18 Genetics and Genetic Engineering
- 20 Medical Physics Techniques
- 21 Biomedical Science Techniques
- 25 Electronics for Science Technicians
- 29 Physiological Investigations
- 30 Medical Instrumentation
- 41 Clinical Psychology
- 43 Diseases and Infections

FORENSIC SCIENCE – NOT ACCEPTED AS FORENSIC UNITS INSUFFICIENT PREPARATION FOR OUR DEGREE PROGRAMME.

A2 in a Science subject and the BTEC level 3 extended diploma

For the extended diploma we will consider units to make up the 9 distinctions required from the lists provided below. Students may offer units in addition to those listed, but for entry these will not be taken into consideration to avoid double counting (e.g. Chemistry units offered with Chemistry A2).

BTEC level 3 extended diploma **A2 Chemistry offered**

APPLIED SCIENCE

B900 A @ A2 plus DDD in BTEC

B909 A @ A2 plus D*DD in BTEC

9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.

1 Fundamentals of Science

2 Working in the Science Industry

3 Scientific Investigations

4 Scientific Practical Techniques

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

14 Energy Changes, Sources and Applications

15 Microbiological Techniques

17 Electrical Circuits and their Applications

18 Genetics and Genetic Engineering

20 Medical Physics Techniques

21 Biomedical Science Techniques

23 Science for Environmental Technicians

24 Principles of Plant and Soil Science

25 Electronics for Science Technicians

41 Clinical Psychology

42 Geology of Natural Resources

43 Diseases and Infections

44 Astronomy

MEDICAL SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**1 [Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

4 [Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

14 Energy Changes, Sources and Applications

15 Microbiological Techniques

17 Electrical Circuits and their Industrial Applications

18 Genetics and Genetic Engineering

20 Medical Physics Techniques

21 Biomedical Science Techniques

25 Electronics for Science Technicians

29 Physiological Investigations

30 Medical Instrumentation

41 Clinical Psychology

43 Diseases and Infections

FORENSIC SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**1 [Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

4 [Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

- 11 Physiology of Human Body Systems
- 12 Physiology of Human Regulation and Reproduction
- 15 Microbiological Techniques
- 18 Genetics and Genetic Engineering
- 20 Medical Physics Techniques

BTEC level 3 extended diploma **A2 Biology offered**

APPLIED SCIENCE

B900 A @ A2 plus DDD in BTEC

B909 A @ A2 plus D*DD in BTEC

9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.

1 [Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

4 [Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

14 Energy Changes, Sources and Applications

16 Chemistry for Biology Technicians

17 Electrical Circuits and their Applications

19 Practical Chemical Analysis

20 Medical Physics Techniques

21 Biomedical Science Techniques

22 Chemical Laboratory Techniques

23 Science for Environmental Technicians

24 Principles of Plant and Soil Science

25 Electronics for Science Technicians

26 Industrial Chemical Reactions

27 Chemical Periodicity and its Applications

28 Industrial Applications of Organic Chemistry

41 Clinical Psychology

42 Geology of Natural Resources

44 Astronomy

MEDICAL SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

14 Energy Changes, Sources and Applications

16 Chemistry for Biology Technicians

17 Electrical Circuits and their Industrial Applications

19 Practical Chemical Analysis

20 Medical Physics Techniques

21 Biomedical Science Techniques

22 Chemical Laboratory Techniques

25 Electronics for Science Technicians

30 Medical Instrumentation

41 Clinical Psychology

FORENSIC SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

16 Chemistry for Biology Technicians

19 Practical Chemical Analysis

20 Medical Physics Techniques

22 Chemical Laboratory Techniques

BTEC level 3 extended diploma A2 Physics offered**APPLIED SCIENCE****B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

15 Microbiological Techniques

16 Chemistry for Biology Technicians

18 Genetics and Genetic Engineering

19 Practical Chemical Analysis

21 Biomedical Science Techniques

22 Chemical Laboratory Techniques

23 Science for Environmental Technicians

24 Principles of Plant and Soil Science

26 Industrial Chemical Reactions

27 Chemical Periodicity and its Applications

28 Industrial Applications of Organic Chemistry

41 Clinical Psychology

42 Geology of Natural Resources

43 Diseases and Infections

MEDICAL SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

15 Microbiological Techniques

16 Chemistry for Biology Technicians

18 Genetics and Genetic Engineering

19 Practical Chemical Analysis

21 Biomedical Science Techniques

22 Chemical Laboratory Techniques

29 Physiological Investigations

30 Medical Instrumentation

41 Clinical Psychology

43 Diseases and Infections

FORENSIC SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

7 Mathematical Calculations for Science

8 Using Statistics in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

- 12 Physiology of Human Regulation and Reproduction
- 15 Microbiological Techniques
- 16 Chemistry for Biology Technicians
- 18 Genetics and Genetic Engineering
- 19 Practical Chemical Analysis
- 22 Chemical Laboratory Techniques

BTEC level 3 extended diploma **A2 Maths offered**

APPLIED SCIENCE

B900 A @ A2 plus DDD in BTEC

B909 A @ A2 plus D*DD in BTEC

9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.

1 Fundamentals of Science

2 Working in the Science Industry

3 Scientific Investigations

4 Scientific Practical Techniques

5 Perceptions of Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

14 Energy Changes, Sources and Applications

15 Microbiological Techniques

16 Chemistry for Biology Technicians

17 Electrical Circuits and their Applications

18 Genetics and Genetic Engineering

19 Practical Chemical Analysis

20 Medical Physics Techniques

21 Biomedical Science Techniques

22 Chemical Laboratory Techniques

23 Science for Environmental Technicians

24 Principles of Plant and Soil Science

25 Electronics for Science Technicians

26 Industrial Chemical Reactions

27 Chemical Periodicity and its Applications

28 Industrial Applications of Organic Chemistry

41 Clinical Psychology

42 Geology of Natural Resources

43 Diseases and Infections

44 Astronomy

MEDICAL SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

6 Using Mathematical Tools in Science

9 Informatics in Science

10 Using Science in the Workplace

11 Physiology of Human Body Systems

12 Physiology of Human Regulation and Reproduction

13 Biochemistry and Biochemical Techniques

14 Energy Changes, Sources and Applications

15 Microbiological Techniques

16 Chemistry for Biology Technicians

17 Electrical Circuits and their Industrial Applications

18 Genetics and Genetic Engineering

19 Practical Chemical Analysis

20 Medical Physics Techniques

21 Biomedical Science Techniques

22 Chemical Laboratory Techniques

25 Electronics for Science Technicians

29 Physiological Investigations

30 Medical Instrumentation

41 Clinical Psychology

43 Diseases and Infections

FORENSIC SCIENCE**B900 A @ A2 plus DDD in BTEC B909 A @ A2 plus D*DD in BTEC****9 units at distinction to include 1 and 4 plus 7 from the list below. No more than 3 at pass level.**[1 Fundamentals of Science](#)

2 Working in the Science Industry

3 Scientific Investigations

[4 Scientific Practical Techniques](#)

5 Perceptions of Science

9 Informatics in Science

10 Using Science in the Workplace

- 11 Physiology of Human Body Systems
- 12 Physiology of Human Regulation and Reproduction
- 15 Microbiological Techniques
- 16 Chemistry for Biology Technicians
- 18 Genetics and Genetic Engineering
- 19 Practical Chemical Analysis
- 20 Medical Physics Techniques
- 22 Chemical Laboratory Techniques

We also accept combinations of 2 A2s and the subsidiary BTEC qualification (too many different combinations to list here).

Non science A2 students will be considered on a case by case basis.