

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### **SIXTH FORM COURSE DESCRIPTIONS**

The following pages contain descriptions of the courses that *may* be available at Townsend Church of England School during next academic year to study in the sixth form. The precise curriculum to be offered next academic year will depend on the number of student choices and staff availability. **Courses will run if there are sufficient numbers of students opting to take the course and adequate staffing available within available resources.** If the course is unavailable at Townsend School, it is highly likely it will be offered across the Alban Learning Partners.

We have an extensive range of subjects available across the Alban Learning Partners Consortium and students that attend the Sixth Form here at Townsend are able to take one subject at one of our consortium partners (Loreto, STAGS, Samuel Ryder Academy and Marlborough).

#### Pathway options

**A Level Pathway** - If you want to start an A Level programme of study you must have at least a grade 4 in English (language or Literature), a 4 in Mathematics and at least 4 other grades 4-9 in other subjects.

You will also need to meet the entry requirements for the subjects that you want to study at A Level. These are detailed on the subject pages that follow.

**Vocational Pathway** – If you would like to study a vocational subject, you must have at least a grade 4 in English (either Language or Literature) and at least 4 grades 3-9 in other subjects.

On GCSE results day, Directors of Learning for subjects will be available for you to discuss your ability to study their subjects.

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

# A Level Subjects

**All A Level courses are now linear with the final exam being taken at the end of the two years of study.**

**Students should take 3 A Levels if they wish to choose this programme of study.**

**UCAS points for A Levels are as follows:**

**A = 48 points**

**B = 40 points**

**C = 32 points**

**D = 24 points**

**E = 16 points**

**In common with other schools, courses offered are subject sufficient number of students applying to take the course and there being adequate staffing available within the available resources.**

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

St Albans  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Art and Design

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Art and Design AS/A Level	AQA	Specification code: 7201 - 7206, 7241 - 7246
<b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects 4 grade at GCSE Art or equivalent portfolio of work.			
<b>COURSE CONTENT</b> AQA have kept the flexibility of their previous specification, so students can focus on an area of personal interest. It also means that AS and A-levels are co-teachable - enabling progression from AS to the full A-level Introduction course – Using sketchbooks, drawing skills and material development. There are many study areas which are covered in the two components; thematic enquiry, expressive study, contextual study, problem solving and personal interest are just a few. There is also a written element at A2 level.			
<b>LEARNING METHODS AND ASSESSMENT</b> <ul style="list-style-type: none"><li>• Practical skills involved in recording and developing ideas in a range of appropriate media, techniques and processes</li><li>• Critical analysis of evaluation of images and artefacts</li><li>• Independent research</li><li>• Expression and interpretation of ideas and feelings in visual and other form</li></ul> Tutors will feedback verbally in the form of tutorials, usually once a week/fortnight. Each lesson, students are assessed verbally. At the end of each project a formal written assessment is given plus a tutorial. Students are asked to use peer assessment and self-assessment to aid learning. Students must devote at least four hours of home study per week to the course and they can also come to Art in study time.			
<b>EXPECTATIONS OF STUDENTS</b> You will need an A1 portfolio (or equivalent carry tube), an A3 sketchpad, colour materials e.g. pastel, pencils and some basic paints. This is mainly for homework.			
<b>CAREERS IMPLICATIONS</b> These specifications directly support progression to further and higher education, and provide students with a rich platform to inspire a lifelong interest in Art and Design There are over 100 career pathways such as interior design, set design, game designer, special effect related careers, jobs in marketing and advertising.			
<b>FOR MORE INFORMATION CONTACT</b>  Miss F. Bailey, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Biology

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Biology A2	OCR	H420
<b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Minimum Grade 66 for GCSE Combined Science or 6 in Biology studied in Triple Science.			
<b>COURSE CONTENT</b> There are 4 units covering practical work, foundations in biology, exchange and transport and biodiversity, evolution and disease covered in year one. In year two we cover communication, homeostasis and energy, genetics, evolution and ecosystems. The A level looks to build on work done at GCSE as well as introduce some new topics.			
<b>LEARNING METHODS AND ASSESSMENT</b> Concepts and ideas are studied through both theoretical and practical work. There are three examinations totalling six hours. There will also be an internally assessed practical award which will be pass or fail based on work done throughout the two years. There will also be a 10% element of mathematics in both examinations.			
<b>EXPECTATIONS OF STUDENTS</b> Independent study is an essential part Biology. Students must be prepared to read around and research the topics being studied using a variety of resources. All students are expected to take part in a one week field course during Year 13.			
<b>CAREERS IMPLICATIONS</b> Biology at post-16 is useful and may be essential to anyone wishing to follow careers involving animals, plants and medicine. The fields of biotechnology and genetics are opening up a whole new range of career opportunities for Biology students. It gives a well-rounded view of the way science affects society and the individual			
<b>FOR MORE INFORMATION CONTACT</b> Mrs McNeillis, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Business Studies

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Business A Level	AQA	7132
<p>'Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Grade 4 for GCSE Mathematics.</p>			
<p><b>COURSE CONTENT</b> Business Studies is about management and enterprise. It looks at how businesses are created, develop, grow, survive crisis and perhaps eventually decline. It focuses on the people whose skills affect this process and uses theory to analyse the causes and effects of different management approaches. Over the two years students learn about how businesses are organised, financed and operated. Key emphasis is placed on the interdependence of the functional areas as well as the relevance of the theory studied to real life business situations in modern Britain</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b> Wide ranges of learning styles are used to develop in students the skills of analysis and evaluation. The emphasis though is on learning through case study material that reflects more closely those issues faced by firms. Past papers are used to coach students in exam technique and assess progress. Assessment is through external exams. The examination formats themselves are a mixture of data response, extended response and applying numerical skills.</p>			
<p><b>EXPECTATIONS OF STUDENTS</b> Students need to be prepared to study independently and use all the resources available to them both in and out of the classroom. A major commitment should be to take particular notice of current business news through the regular reading of the financial section of a quality newspaper and/or watching the news and other relevant business programs.</p>			
<p><b>CAREERS IMPLICATIONS</b> Business Studies gives students a preparation for future careers in: Marketing, Human Resource Management, Accounting and Operations Management. It facilitates access to almost all higher education courses.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b> Mrs C. Maguire, Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Chemistry

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Chemistry A LEVEL	OCR	H432
<b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 5 in Maths and at least 4 grades 4-9 in other subjects Minimum Grade 66 for GCSE Combined Science or 6 in Chemistry studied in Triple Science. A minimum grade 5 in GCSE Maths is also an entry requirement.			
<b>COURSE CONTENT</b> The full course is divided into a six taught modules. The topics cover a wide area of physical, inorganic and organic chemistry. Ideas met at GCSE are developed further, as well as new concepts being introduced. The relevance of and the applications of Chemistry are stressed throughout the course.			
<b>LEARNING METHODS AND ASSESSMENT</b> There are a mixture of teaching and learning activities including practical work, using ICT, reading, writing, data-handling and discussion. There are three written examinations, two of 2 hours 15 minutes and one of 1 hour 30 minutes. There will also be a practical endorsement for A level Chemistry reported separately. Questions will include multiple choice, structured questions and extended response questions covering both theory and practical skills.			
<b>EXPECTATIONS OF STUDENTS</b> A number of abstract concepts are introduced during the course and students will be expected to work hard at understanding and applying them. Students need to be prepared to study independently and use all resources available to them.			
<b>CAREERS IMPLICATIONS</b> Advanced level chemistry is a valuable as well as a stimulating course to follow. It is essential for those wishing to follow courses in medicine, veterinary science and pharmacy. It is also useful for careers such as engineering, food technology and biochemistry. A qualification in chemistry demonstrates an ability to understand and apply complex ideas.			
<b>FOR MORE INFORMATION CONTACT</b> Mr I. G. Round, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Design and Technology: Product Design

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Design and Technology: Product Design - A2	AQA	7552
<p><b>ENTRY REQUIREMENTS</b></p> <p>Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Average GCSE point score of 4.5 or above. Grade 4 or above in GCSE Design and Technology: Product Design. Grade 4 or above in Combined Science</p>			
<p><b>COURSE CONTENT</b></p> <p>Design and Technology subjects are a way in which you can develop your creative, problem solving and analytical skills. Nearly everything we own has a designer involved in its journey and the Product Design course has been designed to encourage candidates to take a broad view of technology and design, to develop their capacity to design and make products and to appreciate the complex relations between design, materials, manufacture and marketing. The course has been designed to be at the forefront of STEM subjects and now has a 15% weighting on Mathematics and Science within design.</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b></p> <p>There are three main areas of study over the course:</p> <ol style="list-style-type: none"> <li>1. Core technical principles</li> <li>2. Core designing and making principles</li> <li>3. Additional specialist knowledge</li> </ol> <p>These areas are assessed over two written papers and a Non-Examined Assessment piece:</p> <ul style="list-style-type: none"> <li>• Paper 1 : Core technical principles and core designing and making principles <ul style="list-style-type: none"> <li>➤ Written exam: 2 hours</li> <li>➤ 100 marks</li> <li>➤ 25% of A-level</li> </ul> </li> <li>• Paper 2 : Specialist knowledge, technical and designing and making principles <ul style="list-style-type: none"> <li>➤ Written exam: 2 hours</li> <li>➤ 25% of A-Level</li> <li>➤ Section A: Product Analysis and up to 6 short answer questions based on visual stimulus of product(s)</li> <li>➤ Section B: Commercial manufacture and mixture of short and extended response questions</li> </ul> </li> <li>• Non – exam assessment (NEA): Practical application of technical principles, designing and making principles and specialist knowledge. <ul style="list-style-type: none"> <li>➤ Substantial design and make task</li> <li>➤ 45 hours</li> <li>➤ 100 marks</li> <li>➤ 50% of A-level</li> </ul> </li> </ul>			
<p><b>EXPECTATIONS OF STUDENTS</b></p> <p>A-level Design and Technology: Product Design require students to engage in both practical and theoretical study. Students are expected to manage their project work in an increasingly autonomous way. Reading around the subject, taking an interest in new innovation and technological activity are also expected. A strong interest in designing, making and the ability to work independently. An interest in STEM subjects is also advised.</p>			
<p><b>CAREERS IMPLICATIONS</b></p> <p>Design &amp; Technology subjects are useful for a wide variety of courses and career opportunities including Engineering, Architecture, Design/Graphics and Fashion Design and the skills used throughout the independent product study coursework element and the design, make and evaluate project lend themselves to a wide range of other subjects and courses including Art and Design, Product development, game and web design, furniture design and manufacture.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b></p> <p>Mr D. Hill, Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE English Literature

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	English Literature A2	AQA	7717
<b>ENTRY REQUIREMENTS</b>			
Grade 5 in English (Language and Literature).			
<b>COURSE CONTENT</b>			
<p>A wide range of rich and powerful texts are studied for English Literature.</p> <p>In Year 12 all of the texts studied link to the genre of Tragedy and include texts such as 'Othello' and 'Death of a Salesman'.</p> <p>Year 13 focuses on 'Political and Social Protest Writing' and offers the opportunity for students to build on the skills acquired in Year 12 and develop a deeper understanding of English Literature. It is vital that students are prepared to read around the subject in order to achieve success in the subject.</p>			
<b>LEARNING METHODS AND ASSESSMENT</b>			
<p>Considerable emphasis is placed upon class discussion. Independent study is encouraged. Opportunities for student presentations are frequent and popular. Exams are taken at the end of Yr 13.</p> <p>Yr 12: 'Othello'. 'Death of a Salesman'. The poetry of Keats</p> <p>Yr 13: 'The Kite Runner'. 'The Handmaid's Tale'. The poetry of Blake. Unseen extracts.</p> <p>Final examinations:</p> <p>Exam 1: 2 hours 30 minutes</p> <ul style="list-style-type: none"> <li>• closed book</li> <li>• 75 marks</li> <li>• 40% of A-level</li> </ul> <p>Exam 2: 3 hours</p> <ul style="list-style-type: none"> <li>• open book</li> <li>• 75 marks</li> <li>• 40% of A-level</li> </ul> <p>Non-exam assessment:</p> <ul style="list-style-type: none"> <li>• 50 marks</li> <li>• 20% of A-level</li> <li>• assessed by teachers</li> </ul> <p>This consists of two essays totalling 3000 words. Each of these essays will respond to a different text.</p>			
<b>EXPECTATIONS OF STUDENTS</b>			
<p>As English Literature expects students to think and discuss the texts and ask questions, students are expected to do their own reading and research about texts and authors studied. They must learn to study independently and realise that study at this level is a huge step up from GCSE. Students are expected to attend external lectures and theatre trips and visits outside school as appropriate.</p>			
<b>CAREERS IMPLICATIONS</b>			
<p>English Literature lends itself to a wide range of careers including: media, journalism, publishing and teaching. It is a strong university favourite as English Literature shows that students can communicate effectively in writing and discussion.</p>			
<b>FOR MORE INFORMATION CONTACT</b>			
Mrs P. Harris, Townsend Church of England School			



## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Geography

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Geography A Level	AQA	9GEO
<p><b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Grade 5 or above in Geography GCSE.</p>			
<p><b>COURSE CONTENT</b> The full course is divided into a number of topics split between units studied over two years. The topics cover a wide area of physical and human geography along with other geographical skills. Topics include; hazards, globalisation, coasts, global systems, changing places, population and the environment. The course also develops geographical skills, including statistical analysis tests, extended writing and fieldwork.</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b> Fieldwork and theoretical work is integrated into the teaching through discussions, case studies and decision-making exercises, as well as a three day field course in year 12. The course is assessed through written examination and coursework based on fieldwork. Extended prose questions are common to all of the units.</p>			
<p><b>EXPECTATIONS OF STUDENTS</b> The course covers a large range of topics in the first year. Hard work, enthusiasm and commitment to study independently and the use of all resources available is therefore required. Students are expected to write answers to a considerable number of exam questions and essays in order to practice their techniques.</p>			
<p><b>CAREERS IMPLICATIONS</b> Advanced level Geography develops essential transferable skills for many careers and is favoured by Universities due to the wide skills base the subject develops. It is essential for those wishing to follow courses in environmental sciences. It is also useful for careers such as environmental management, surveying, architecture, transport, retailing, tourism and journalism as well as many more subject specific jobs, such as oceanography, volcanology and demographic studies and development related work.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b> Mrs M. Buckland, Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE History

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	History A Level	EDEXCEL	9HI0
<p><b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Students will need a GCSE grade 5 or above in History or, if not studied at GCSE, a grade 5 in a related subject. Most importantly, students will need an interest in History.</p>			
<p><b>COURSE CONTENT</b> The course is linked through the themes of changing democracies from the eighteenth century to modern day. Students will study Britain transformed 1918-1997; conformity and challenge in the USA 1955-92, Poverty, public health and the state in Britain c1780-1939 and coursework on a historical controversy. The course will also draw on a greater depth and range of content, demonstrate a deeper understanding of historical concepts, develop analysis and judgements that are more effectively substantiated, carry out a historical enquiry that is independently researched and that investigates specific historical questions.</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b> Lessons use a range of learning methods such as the use of primary and secondary evidence, discussion work, historical enquiries, group tasks and presentations. Independent research and written tasks will also be involved. Students are tested on knowledge, essays, responses to documents from the time, interpreting the views of different historians, group and individual research tasks and oral presentations. Papers 1, 2 and 3 will be assessed through written examination. Unit 4 will be assessed through the completion of a piece of coursework at the end of year 13.</p>			
<p><b>EXPECTATIONS OF STUDENTS</b> Students are expected to be committed to their studies and to be making progress to meet the demands of A level History. Students will be required to take an active role in lessons, meet deadlines and carry out independent research. Enthusiasm, curiosity, and willingness to debate is required.</p>			
<p><b>CAREERS IMPLICATIONS</b> History combines well with most subjects and is highly respected by all universities. It requires the development of the communication of ideas and an understanding of the views of others, analysis and interpretation of evidence and investigative research skills. Employers look favourably on these skills in almost any line of work. Occupations such as law, journalism, education and policing are just some of the areas where History is particularly important.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b> Mrs J. Bailey or Mrs Davey Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Mathematics

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NO:
3	Mathematics A Level	EDEXCEL (TBC)	9MA0
<p><b>ENTRY REQUIREMENTS</b>                      'Grade 4 in English (language or Literature), a 6 in Maths and at least 4 grades 4-9 in other subjects                      A minimum of grade 6 in GCSE Mathematics.</p>			
<p><b>COURSE CONTENT</b>  <u>Pure Mathematics</u>: Proof, Algebra and functions, Coordinate geometry in the (x,y) plane, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Vectors, Numerical Methods   <u>Statistics</u>: Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing   <u>Mechanics</u>: Quantities and units in mechanics, Kinematics, Forces and Newton's laws, Moments</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b>                      Five hours a week in lessons plus homework and private study time.                       You will be encouraged to develop independent learning skills through problem solving and research. There will be opportunities for directed learning and class discussion to enable you to develop the correct mathematical knowledge and techniques. The use of ICT techniques and software is central to the statistics element of the course.                       Assessment is through three examinations which will be taken at the end of Year 13. The papers are equally weighted and each is 2 hours long. Papers 1&amp;2 will cover the Pure Mathematics content, and Paper 3 will cover the Statistics and Mechanics. Calculators are permitted for all examinations.</p>			
<p><b>EXPECTATIONS OF STUDENTS</b>                      To work with interest and determination throughout the course.                       Students will be set a variety of homework tasks which will usually require them to demonstrate that they can fully apply their mathematical knowledge. They will also be expected to research and investigate some areas of maths by themselves. The best maths students will be self-motivated to acquire a deeper knowledge of the subject.</p>			
<p><b>CAREERS IMPLICATIONS</b>                      Mathematics is the most sought after qualification by universities and employers as it shows them you have an analytical mind. Mathematics is important for many careers, including finance, economics, engineering, teaching, information technology, architecture, psychology and scientific research.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b>                      Mrs A. Berry, Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Mathematics (Further) – An additional Qualification

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NO:
3	Further Mathematics AS	EDEXCEL (TBC)	8FMO
<b>ENTRY REQUIREMENTS</b>			
Six or more GCSE grades at 5-9 including English Language. A minimum of grade 7 in GCSE Mathematics.			
<b>COURSE CONTENT</b>			
The full course is made up of two units.			
All students have to study <u>Further Pure Mathematics 1</u> : Proof, Complex Numbers, Matrices, Further Algebra & Functions, Further Calculus, Further Vectors			
Then, as a group, they can choose one other unit from:			
<u>Further Pure Mathematics 2</u> : Complex numbers, Further algebra and functions, Further calculus, Polar coordinates, Hyperbolic functions, Differential equations			
<u>Further Statistics</u> : Linear regression, Statistical distributions (discrete), Statistical distributions (continuous), Correlation, Hypothesis testing, Chi squared tests			
<u>Further Mechanics</u> : Momentum and impulse, Collisions, Centres of mass, Work and energy, Elastic strings and springs			
<u>Decision Mathematics</u> : Algorithms and graph theory, Algorithms on graphs, Algorithms on graphs II, Critical path analysis, Linear programming			
A range of mathematical concepts and methods studied as part of the AS/A2 Mathematics course are developed further and studying Further Mathematics alongside Mathematics will aid understanding and performance.			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Students will learn in a small group and develop their mathematical skills and knowledge through teacher instruction, structured practice and group discussion.			
There will also be opportunities to use a variety of ICT techniques and software to understand and visualise the concepts.			
The course is assessed through written examinations in Further Pure Mathematics and the other chosen unit. Each paper is 90 minutes long and calculators may be used.			
<b>EXPECTATIONS OF STUDENTS</b>			
Students are expected to study independently and read further into the concepts. It is essential that students spend the necessary time practising methods to the point that they have the confidence to apply their own knowledge to a variety of problems.			
<b>CAREERS IMPLICATIONS</b>			
Further Mathematics is an excellent qualification for those who wish to study Mathematics or other numerate subjects at degree level. It will help to improve students' chances and choices when seeking places at University or in employment. It will also help to develop a deeper understanding of the topics in the AS/A2 Mathematics, resulting in improved problem solving skills and examination performance.			
<b>FOR MORE INFORMATION CONTACT</b>			
Mrs A. Berry, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Media Studies

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER						
3	Media Studies A Level	Eduqas	603/1149/6						
<p><b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 A*-C grades in other subjects Average GCSE point score 4.5 or above. An interest in the media and the technologies that create the products.</p>									
<p><b>COURSE CONTENT</b></p> <p>1. Media language 2. Media representation 3. Media industries 4. Media audiences Learning to research and analyse media texts; and to create media texts with a target audience</p>									
<p><b>LEARNING METHODS AND ASSESSMENT</b> Students are introduced to key concepts through the study of media texts and are introduced to the language of the subject in both practical and analytical assignments. Students are assessed as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Paper 1</th> <th style="text-align: center;">Paper 2</th> <th style="text-align: center;">Creating a Media Product</th> </tr> </thead> <tbody> <tr> <td> <p>Questions will focus on issues and debates in the media. A topic will be released in advance of the exam. Students will be expected to use any relevant elements of the theoretical framework in order to explore the ideas in the paper. <b>How it's assessed</b> Written exam: 2 hours 84 marks 35% of A-level</p> </td> <td> <p>Questions will focus on the analysis of media products, through the lens of the theoretical framework. Students will be expected to refer to the Close Study Products (CSPs) provided by AQA and other products they have studied. <b>How it's assessed</b> Written exam: 2 hours 84 marks 35% of A-level</p> </td> <td> <p>Application of knowledge and understanding of the theoretical framework. Practical skills relating to the media format of their choice. <b>How it's assessed</b> A choice of topics related to the over-arching (annually changing) theme 72 marks 30% of A-level Assessed by teachers Moderated by AQA</p> </td> </tr> </tbody> </table>				Paper 1	Paper 2	Creating a Media Product	<p>Questions will focus on issues and debates in the media. A topic will be released in advance of the exam. Students will be expected to use any relevant elements of the theoretical framework in order to explore the ideas in the paper. <b>How it's assessed</b> Written exam: 2 hours 84 marks 35% of A-level</p>	<p>Questions will focus on the analysis of media products, through the lens of the theoretical framework. Students will be expected to refer to the Close Study Products (CSPs) provided by AQA and other products they have studied. <b>How it's assessed</b> Written exam: 2 hours 84 marks 35% of A-level</p>	<p>Application of knowledge and understanding of the theoretical framework. Practical skills relating to the media format of their choice. <b>How it's assessed</b> A choice of topics related to the over-arching (annually changing) theme 72 marks 30% of A-level Assessed by teachers Moderated by AQA</p>
Paper 1	Paper 2	Creating a Media Product							
<p>Questions will focus on issues and debates in the media. A topic will be released in advance of the exam. Students will be expected to use any relevant elements of the theoretical framework in order to explore the ideas in the paper. <b>How it's assessed</b> Written exam: 2 hours 84 marks 35% of A-level</p>	<p>Questions will focus on the analysis of media products, through the lens of the theoretical framework. Students will be expected to refer to the Close Study Products (CSPs) provided by AQA and other products they have studied. <b>How it's assessed</b> Written exam: 2 hours 84 marks 35% of A-level</p>	<p>Application of knowledge and understanding of the theoretical framework. Practical skills relating to the media format of their choice. <b>How it's assessed</b> A choice of topics related to the over-arching (annually changing) theme 72 marks 30% of A-level Assessed by teachers Moderated by AQA</p>							
<p><b>EXPECTATIONS OF STUDENTS</b> This course is demanding in terms of:</p> <ul style="list-style-type: none"> <li>• research</li> <li>• planning and organisation</li> <li>• intellectual and practical skills</li> <li>• independent thinking</li> </ul>									
<p><b>CAREERS IMPLICATIONS</b> The media is one of the fastest growing areas of the economy and media studies combines well with a number of other courses at universities. As well as subject specific skills, students may also develop leadership skills, organisational skills, cooperative working practices, vision and innovation, taking concept to product and ICT skills.</p>									
<p><b>FOR MORE INFORMATION CONTACT</b> Miss E. Scott, Townsend Church of England School</p>									

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Physical Education

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Physical Education A2	OCR	H555
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Grade 5 for GCSE Physical Education and Combined Science However, it is possible to take the course if Physical Education was not taken at GCSE level. Good practical ability and a genuine interest in the subject is essential.			
<b>COURSE CONTENT</b>			
The course will be delivered over two years with 3 exams, coursework and practical performance assessed at the end of the 2 <sup>nd</sup> year. It is split into four units; 01 – Physiological factors affecting performance 02 – Psychological factors affecting performance 03 – Socio-cultural factors affecting performance 04 – Performance in Physical Education			
<b>LEARNING METHODS AND ASSESSMENT</b>			
During lessons students are required to research and present information on a regular basis, using information and communication technology based resources. Theoretical assessment is by written examination. (Paper 1 = 30%, Paper 2 = 20%, Paper 3 = 20%) Practical assessment is through performance and interview. (30%)			
<b>EXPECTATIONS OF STUDENTS</b>			
Students should be involved in participating in a sport on a regular basis out of school as a log of competitions needs to be maintained over the two years. They need to be prepared to study independently and use all resources available, both in and out of school. Homework and weekly topic reading are an essential part of the course.			
<b>CAREERS IMPLICATIONS</b>			
Physical Education provides a solid foundation for many careers including sports coaching, teaching, physiotherapy, sports psychology and medical sciences.			
<b>FOR MORE INFORMATION CONTACT</b>			
Miss Penniford or Miss L Gibbons, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Physics

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Physics A2	OCR	H556
<b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 6 in Maths and at least 4 grades 4-9 in other subjects Minimum Grade 6,6 for GCSE Combined Science or 6 in Physics studied in Triple Science. A minimum grade 6 in GCSE Maths is also an entry requirement.			
<b>COURSE CONTENT</b> The full course has six teaching modules: Development of practical skills; Foundations; Forces & motion; Electrons, waves & photons; Newtonian world & astrophysics; and Particles & medical physics.			
<b>LEARNING METHODS AND ASSESSMENT</b> There are a mixture of teaching and learning activities including practical work, using ICT, reading, writing, data-handling and discussion. There are three written examinations, two of 2 hours 15 minutes and one of 1 hour 30 minutes. There will also be a practical endorsement for A level physics reported separately. Questions will include multiple choice, structured questions and extended response questions covering both theory and practical skills.			
<b>EXPECTATIONS OF STUDENTS</b> Physics is a practical subject and the ability to work accurately is important. All physics principles are presented in a mathematical context and students are expected to practise problem solving as a major part of their private studies.			
<b>CAREERS IMPLICATIONS</b> All types of engineering and applied science careers, teaching, many non-scientific careers which require skills in analysis, logic, data handling, numeracy, presentation, IT, precision and practical techniques.			
<b>FOR MORE INFORMATION CONTACT</b> Mr I. Round, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Psychology

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Psychology A2	AQA	7182
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (language or Literature), a 5 in Maths and at least 4 grades 4-9 in other subjects Good written skills, an enquiring mind, an interest in Science and the motivation to do your best. It is an academic course that you will find interesting, enjoyable and challenging.			
<b>COURSE CONTENT</b>			
Five hours a week in a lesson plus homework and private study time. Psychology is defined as the scientific study of human behaviour and mental processes. It aims to describe, explain and predict human behaviour. Unit 1: Memory, Attachment in children and Social influence Unit 2: Abnormality, Approaches in Psychology and Research methods. Unit 3: Gender, Aggression, Schizophrenia Unit 4: Issues and debates in Psychology. Small practical projects will be a feature of the course.			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Psychology is assessed solely through written examinations in the Summer Term. You will need to be able to communicate well in writing and have a willingness to take on new vocabulary and concepts associated with the subject. You will also be encouraged to develop your skills of oral communication during lessons by way of short presentations to the group.			
<b>EXPECTATIONS OF STUDENTS</b>			
A' level Psychology is very content heavy. Essay writing is an essential part of the course. Students must be prepared to study independently and use resources available to them in and outside the classroom.			
<b>CAREERS IMPLICATIONS</b>			
Psychology is a social science relevant to many careers, particularly in health, education, social care, marketing, advertising and business. It is valued by employers and for entry into a wide range of courses in Higher Education.			
<b>FOR MORE INFORMATION CONTACT</b>			
Mrs W Kleyhans, Townsend Church of England School			



## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Religious Studies (Philosophy & Ethics)

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Religious Studies A Level	OCR	H573
<p><b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Students will also need a GCSE grade 5 or above in Religious Studies. Students should have an interest and enthusiasm in exploring moral and religious issues. An open enquiring outlook and willingness to use initiative and work hard are also required.</p>			
<p><b>COURSE CONTENT</b> There are three units of study; Philosophy of religion– ancient Greek philosophy, the problem of evil, existence of God, religious experiences, symbol and myth, religious language, and life after death. Ethics– key ethical concepts and their applications to moral issues such as war, euthanasia and genetic engineering. The role of conscience and free will. Developments in religious thought– the relationship between religion and society, sources of wisdom and authority and practices which shape and express religious identity.</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b> The lessons include a variety of approaches; talks, presentations, note taking, DVD viewing and computer research. Assessment is made through class presentations, essay work and note making assignments. At the end of their course of study, students will sit three exams in Philosophy, Ethics and Developments in religious thought.</p>			
<p><b>EXPECTATIONS OF STUDENTS</b> All students are expected to attend all of the lessons. Students will need to complete all of the tasks that are set. This will include note taking, research, contributions to group work, presentations and essays. Students will need to meet deadlines for work that is set. Students will also be expected to contribute to class discussions and debates.</p>			
<p><b>CAREERS IMPLICATIONS</b> Philosophy and ethics is an acceptable and popular academic subject for degree level study. Students develop skills of communication, interpersonal and organisational skills. They are encouraged to think creatively, to analyse and criticise arguments and issues. The skills learned and knowledge gained is valuable to any employer.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b> Miss A. Sheppard, Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### GCE Sociology

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Sociology A Level	AQA	7192
<p><b>ENTRY REQUIREMENTS</b> Grade 4 in English (language or Literature), a 4 in Maths and at least 4 grades 4-9 in other subjects Students should have an interest and enthusiasm for understanding society. They might enjoy people watching, be naturally inquisitive or have a desire to understand key issues in society. An ability to debate and think critically is also essential.</p>			
<p><b>COURSE CONTENT</b> Students will need to understand the ways in which sociologists work and the various schools of sociological thought. They will be required to apply that knowledge to a range of key institutions within society. Over the two years students will study:</p> <p><b><u>Family and Households</u></b> – What are the functions of the family? Who benefits from it? Does it work? Is there a dark side to the family? Does the family support and benefit all members equally? Are women exploited in the family?</p> <p><b><u>Education</u></b> – What is the purpose of our education system? Does it achieve its aims? Why do different groups of students perform more or less well than others?</p> <p><b><u>The Media</u></b> – How does the media portray different groups? Does it influence us? Who controls the media? Should we trust what we read, see or hear?</p> <p><b><u>Crime and Deviance</u></b> – Is crime out of control? Why do some people commit crime and others not? How do we solve the problem of crime? Why do people commit suicide?</p>			
<p><b>LEARNING METHODS AND ASSESSMENT</b> The lessons include a variety of approaches; talks, presentations, note taking, DVD viewing and computer research. Assessment is made through class presentations, essay work and note making assignments. Students sit three exams at the end of Year 13.</p>			
<p><b>EXPECTATIONS OF STUDENTS</b> Students will be expected to participate in all aspects of learning.</p>			
<p><b>CAREERS IMPLICATIONS</b> Sociology is a well-respected subject that appeals to many universities and employers. It is becoming increasingly influential in fields such as Social Policy – researching and informing government policy.</p>			
<p><b>FOR MORE INFORMATION CONTACT</b> Mr J. Buckland, Townsend Church of England School</p>			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

# Vocational Courses

**Courses are offered at 2 levels for each course and the weighting of each course is shown on the pages that follow.**

**Students may be able to combine these courses with other courses in this section or with 1 or 2 A Levels over a two year period.**

**UCAS points are detailed on individual sheets for each course.**

**In common with other schools, courses offered are subject sufficient number of students applying to take the course and there being adequate staffing available within the available resources.**

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### Certificate/ National Certificate/ Diploma in Business

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Certificate/ National Certificate/ Diploma in Business	Edexcel	
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (either Language or Literature) and 4 other grades 3-9 in other subjects.			
<b>COURSE CONTENT</b>			
The following units of study are mandatory; optional units also have to be completed depending on the qualification taken.			
<u>Mandatory units</u>			
Exploring Business, Developing a Marketing Campaign (Certificate/ extended certificate), Personal and Business Finance (extended certificate and diploma) Managing and Event, International Business & Principles of Management (Diploma).			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Over the two years students will study between 2 and 8 units (depending on the level of qualification offered), all of which are coursework based and externally examined. All units are graded 'Pass', 'Merit', 'Distinction' or Distinction*.			
<u>National Certificate:</u> Equivalent to 0.5 of an A Level 2 mandatory units, 1 of which is externally assessed. UCAS points are as follows: D* - 28, D - 24, M - 16, P - 8			
<u>National Extended Certificate:</u> Equivalent to 1 A Level 4 units - 3 are mandatory, 1 is optional. 2 units are externally assessed UCAS points are as follows: D* - 56, D - 48, M - 32, P - 16			
<u>National Diploma:</u> Equivalent to 2 A Levels 8 units - 6 are mandatory and 2 are optional. 3 units are externally assessed. UCAS points are as follows: D*D* - 112, D*D - 104, DD - 96, DM - 80, MM - 64, MP - 48, PP - 32			
<b>EXPECTATIONS OF STUDENTS</b>			
You will be asked to carry out detailed research on relevant topics. You will be required to submit coursework in the form of business reports, presentations, research material and role plays.			
<b>CAREERS IMPLICATIONS</b>			
Would you like to run your own business or develop skills to work in advertising, marketing, human resources, accountancy or the legal profession? Would you like to go on to study Business at University? If the answer is 'yes' to either of these questions, then this course would be suitable for you.			
<b>FOR MORE INFORMATION CONTACT</b>			
Mrs C. Maguire, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### WJEC Level 3 Certificate/ Diploma in Food Science and Nutrition

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Certificate in Food Science and Nutrition	WJEC	
3	Diploma in Food Science and Nutrition	WJEC	
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (either Language or Literature) and at least 4 other 3-9 grades in other subjects. Grade 4 for GCSE Food and Nutrition and or Combined Science			
<b>COURSE CONTENT</b>			
<u>Certificate in Food Science and Nutrition</u>			
1 mandatory unit – Meeting the nutritional needs of specific groups – this enables the student to demonstrate an understanding of the science of food safety, nutrition and nutritional needs in a wide range of contexts. This course is the equivalent of an AS Level and taught over 2 years. UCAS points are as follows: D* - 28, D – 24, M – 16, P - 8			
<u>Diploma in Food Science and Nutrition</u>			
2 mandatory units			
<ul style="list-style-type: none"> <li>• Meeting the Nutritional needs of specific groups - this enables the student to demonstrate an understanding of the science of food safety, nutrition and nutritional needs in a wide range of contexts.</li> <li>• Ensuring food is safe to eat – this allows students to develop their understanding of the science of food safety and hygiene.</li> </ul>			
1 optional unit from			
<ul style="list-style-type: none"> <li>• Experimenting to solve food production</li> </ul>			
OR			
<ul style="list-style-type: none"> <li>• Current issues in food science and nutrition</li> </ul>			
This course is the equivalent of an A Level and taught over 2 years. UCAS points are as follows: D* - 56, D – 48, M – 32, P - 16			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Learning will take place through on-going practical sessions, to gain practical skills to produce quality food items to meet the needs of individuals. Practical sessions will support the theoretical knowledge learnt in lessons. There is an external exam in both the certificate and the diploma. The certificate also contains an internally marked assignment, and the diploma contains an externally set and marked assignment, and 2 internally marked assignments.			
<b>EXPECTATIONS OF STUDENTS</b>			
Students should be interested in food and nutrition and want to pursue a career in this area.			
<b>CAREERS IMPLICATIONS</b>			
Together with relevant level 3 qualifications, students are able to progress to university to study Food and Nutrition, Human Nutrition, Public Health Nutrition and would be able to look at careers that involve Nutrition and in the Food industry.			
<b>FOR MORE INFORMATION CONTACT</b>			
Miss Gibbons, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### Extended Certificate/ Diploma in Health and Social Care

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Extended Certificate in Health and Social Care	PEARSON	601/7197/2
3	Diploma in Health and Social Care	PEARSON	601/7194/7

#### ENTRY REQUIREMENTS

Grade 4 in English (either Language or Literature) and at least 4 other 3-9 grades in other subjects.

#### COURSE CONTENT

##### Extended Certificate in Health and Social Care

This course has 4 units of which 3 are mandatory and 2 are external.

**3 Mandatory units** – 1 - Human Lifespan Development, 2 Working in Health and Social Care, 3 - Meeting Individual Care and Support Needs

**1 Optional unit** from: Sociological Perspectives, Psychological Perspectives, Supporting Individuals with Additional Needs, Physiological Disorders and their Care

This course is the equivalent of an A Level and taught over 2 years. UCAS points are as follows:  
D\*-56, D-48, M-32, P 16

##### Diploma in Health and Social Care

This course has 9 units of which 6 are mandatory and 3 are external.

**6 mandatory units** - 1 - Human Lifespan Development, 2- Working in Health and Social Care, 3 - Enquiries into Current Research in Health and Social Care, 4 - Meeting Individual Care and Support Needs, 5 - Principles of Safe Practice in Health and Social Care, 6 - Promoting Public Health

**3 optional unit from:** Work Experience in Health and Social Care, Sociological Perspectives, Psychological Perspectives, Supporting Individuals with Additional Needs, Physiological Disorders and their Care, Nutritional Health

This course is the equivalent of 2 A Levels and taught over 2 years. UCAS points are as follows:  
D\*D\*-112, D\*D-104, DD-96, DM-80, MM-64, MP-48, PP-32

#### LEARNING METHODS AND ASSESSMENT

Learning will take place through theory sessions to gain greater understanding of the health and social care sector. Case studies will be carried out alongside visits with a range of facilities within the health and social care sector to aid the application into real life situations.

There are external exams and internally and externally marked assignments in both the extended certificate and the diploma.

#### EXPECTATIONS OF STUDENTS

Students should be interested in caring for and supporting others and want to pursue a career in this area.

#### CAREERS IMPLICATIONS

Together with relevant level 3 qualifications, students are able to progress to university to study Health and Social Care and would be able to look at careers that involve working in the health and social care industry such as carers for young, old or disabled people.

#### FOR MORE INFORMATION CONTACT

Miss C Penniford or Mrs W Kleyhans, Townsend Church of England School

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### Extended Certificate/ Diploma in Sport

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Extended Certificate in Sport	PEARSON	601/7218/6
3	Diploma in Sport	PEARSON	603/0460/1
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (either Language or Literature) and at least 4 other 3-9 grades in other subjects. Grade 4 for GCSE PE or Science			
<b>COURSE CONTENT</b>			
<u>Extended Certificate in Sport</u> This course has 4 units of which 3 are mandatory and 2 are external. <b>3 Mandatory units</b> - 1 – Anatomy and Physiology, 2 – Fitness Training and Programming for Health, Sport and Well-being, 3 – Professional Development in the Sports Industry (60GLH) <b>1 Optional unit</b> from: Sports Leadership, Application of Fitness Testing , Sports Psychology or Practical Sports Performance  This course is the equivalent of an A Level and taught over 2 years. UCAS points are as follows: D*-56, D-48, M-32, P 16  <u>Diploma in Sport</u> This course has 9 units of which 6 are mandatory and 3 are external. <b>6 mandatory units</b> - 1 – Anatomy and Physiology, 2 – Fitness Training and Programming for Health, Sport and Well-being, 3 – Professional Development in the Sports Industry, 4 - Sports Leadership, 5 -Investigating Business in Sport and the Active Leisure Industry – externally assessed, 6-Skill Acquisition in Sport  <b>3 optional units</b> from: Application of Fitness Testing, Sports Psychology, Practical Sports Performance, Coaching for Performance, Sports Event Organisation, Sports Injury Management, Work Experience in Active Leisure, Sports Performance Analysis, Rules, Regulations and Officiating in Sport, Technical and Tactical Demands of Sport  This course is the equivalent of 2 A Level and taught over 2 years. UCAS points are as follows: D*D*-112, D*D-104, DD-96, DM-80, MM-64, MP-48, PP-32			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Learning will take place through theory and practical sessions, to gain greater understanding of the effects of sport on the performer. Practical sessions will support the theoretical knowledge learnt in lessons. There is an external exam in both the extended certificate and the diploma. They also contain internally and externally marked assignments.			
<b>EXPECTATIONS OF STUDENTS</b>			
Students should be interested in food and nutrition and want to pursue a career in this area.			
<b>CAREERS IMPLICATIONS</b>			
Together with relevant level 3 qualifications, students are able to progress to university to study Sports Coaching, Sports Science or sports management and would be able to look at careers that involve Working in the Sporting industry as fitness instructors, coaches, teachers and advisors.			
<b>FOR MORE INFORMATION CONTACT</b>			
Miss Penniford, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

## Diploma in Media Studies

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	National Diploma in Creative Digital Media Production	PEARSON	-
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (either Language or Literature) and 4 A*-D grades in other subjects. An interest in the media and the technologies that create the products.			
<b>COURSE CONTENT</b>			
The qualification is designed for post-16 learners who want to study media related degree courses in Higher Education. Learners gain knowledge and understanding of creative digital media production and develop an understanding of how to work within the media industries. Learners can choose to follow a general programme of study, learning digital production skills in a variety of different media or they can choose to follow an endorsed route in Film, Television and Radio or Interactive Publishing and Media or Digital Games. The qualification is intended to be studied over two years as the substantial qualification in a learner's study programme. The qualification is worth 3 A Levels.			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Equivalent in size to two A Levels. 9 units. The course is a mix of exam and coursework, depending on the units chosen.			
This course is the equivalent of 2 A Level and taught over 2 years. UCAS points are as follows: D*D*-112, D*D-104, DD-96, DM-80, MM-64, MP-48, PP-32			
Topics include: Media Representations, Working in the Creative Media Industry, Digital Media Skills, Specialist Subject Investigation, Film Production – Fiction, Storyboarding for Digital Media, Single Camera Techniques, Scriptwriting, Interviewing Techniques and Image Manipulation Techniques.			
<b>EXPECTATIONS OF STUDENTS</b>			
This course is demanding in terms of: <ul style="list-style-type: none"> <li>• research</li> <li>• planning and organisation</li> <li>• intellectual and practical skills</li> <li>• independent thinking</li> </ul>			
<b>CAREERS IMPLICATIONS</b>			
The media is one of the fastest growing areas of the economy and media studies combines well with a number of other courses at universities. As well as subject specific skills, students may also develop leadership skills, organisational skills, cooperative working practices, vision and innovation, taking concept to product and ICT skills.			
<b>FOR MORE INFORMATION CONTACT</b>			
Miss E. Scott, Townsend Church of England School			



## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### Level 2 Award in Mathematical Applications

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NO:
2	Mathematical Applications	EDEXCEL (TBC)	501/0264/3
<b>ENTRY REQUIREMENTS</b> Grade 4 in English (either Language or Literature) and 4 grades 3-9 in other subjects.			
<b>COURSE CONTENT</b> This qualification enables learners to develop their skills in the mathematical applications associated with vocational roles. There are 2 compulsory units:  Unit 1 - Applications of Number, Statistics and Probability in Vocational Roles Unit 2 - Applications of Geometry, Measures, Number and Algebra in Vocational Roles			
<b>LEARNING METHODS AND ASSESSMENT</b> 2 guided learning hours a week, with some independent work. The course will be linked as much as possible to the career options of the teaching group  Assessment is through a series of assignments which will lead to an award at Pass, Merit or Distinction			
<b>EXPECTATIONS OF STUDENTS</b> Learners of all abilities flourish when they can apply their own knowledge, skills and enthusiasm to a subject. This award makes explicit the link between theoretical learning and the world of work by giving learners the opportunity to apply their research, skills and knowledge to work-related contexts and case studies. These applied and practical approaches give all learners the impetus they need to achieve and the skills they require for workplace or education progression.			
<b>CAREERS IMPLICATIONS</b> The introduction to statistical calculations, analysis and interpretation are elements that could be useful to learners that may require some understanding of statistics.  This course is designed to support students with the mathematical requirements of vocational pathways, such as Travel & Tourism, Sport, Engineering, Business, Retail, ICT, Health and Social Care...			
<b>FOR MORE INFORMATION CONTACT</b> Mrs A. Berry, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### Certificate in Maths in Context

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NO:
3	Math in Context	EDEXCEL (TBC) <b>The examination board could change, as there are a number of Core Maths qualifications which would benefit students with interests in different areas.</b>	7MC0
<b>ENTRY REQUIREMENTS</b> Grade 4 in English (either Language or Literature) and 4 grades 3-9 in other subjects. A minimum of grade 4 in GCSE Mathematics.			
<b>COURSE CONTENT</b> The Edexcel course is designed to: <ul style="list-style-type: none"><li>• develop competence in the selection and use of mathematical methods and techniques</li><li>• develop confidence in representing and analysing authentic situations mathematically, and in applying mathematics to address related questions and issues</li><li>• build skills in mathematical thinking, reasoning and communication.</li></ul> Topics covered are: applications of statistics, probability, linear programming, sequences and growth.			
<b>LEARNING METHODS AND ASSESSMENT</b> 4 hours a week of guided learning with homework and private study.  The course is assessed through 2 written examinations, one Comprehension and one Applications. Each examination is 1 hour and 40 minutes long			
<b>EXPECTATIONS OF STUDENTS</b> To work with interest and determination throughout the course.  Students will be set a variety of homework tasks which will usually require them to demonstrate that they can apply their mathematical knowledge. They will also be expected to research and investigate some areas of maths by themselves. There will be opportunities to apply the work covered to students' other areas of interest.			
<b>CAREERS IMPLICATIONS</b> This qualification provides the mathematical skills to support students progressing to higher education to study subjects that 'use' mathematics including, for example, biology, business, geography, health and social care, nursing and psychology. Students planning to study more mathematically-based subjects, including mathematics, statistics and physics, will find that A Level mathematics is likely to be a requirement.			
<b>FOR MORE INFORMATION CONTACT</b> Mrs A. Berry, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### National Extended Certificate/ Diploma in Applied Science-

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Certificate in Applied Science	Edexcel	500/6726/6
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (either Language or Literature) and 4 grades 3-9 in other subjects. Grade 4 in Combined Science			
<b>COURSE CONTENT</b>			
<u>Extended Certificate in Applied Science</u> This course has 4 units of which 3 are mandatory and 2 are external. <b>3 Mandatory units</b> – 1. Principles and applications of Science 1, 2. Science investigation skills, 3. Practical Scientific Procedures and Techniques <b>1 Optional unit</b> from: Physiology of Human Body Systems, Human Regulation and Reproduction, Biological Molecules and Metabolic pathways, Genetics and Genetic Engineering  This course is the equivalent of an A Level and taught over 2 years. UCAS points are as follows: D*-56, D-48, M-32, P 16			
<u>Diploma in Applied Science</u> This course has 9 units of which 6 are mandatory and 3 are external. <b>6 mandatory units</b> - 1 –3 – are as above and also 4 – Laboratory Techniques, 5 –Principles and Applications of Science 2, 6-Investigation Project  <b>3 optional units</b> from: Physiology of Human Body Systems, Human Regulation and Reproduction, Biological Molecules and Metabolic pathways, Genetics and Genetic Engineering, Diseases and Infections, Applications of Inorganic Chemistry, Electrical Circuits and their Applications, Astronomy and Space Science  This course is the equivalent of 2 A Level and taught over 2 years. UCAS points are as follows: D*D*-112, D*D-104, DD-96, DM-80, MM-64, MP-48, PP-32			
<b>LEARNING METHODS AND ASSESSMENT</b>			
All units are internally assessed. Assessments are assignment based and is done continually throughout the course. Each unit has specific assessment and grading criteria which have to be achieved in order to complete the course. Grades awarded are either 'Pass', 'Merit' or 'Distinction'.			
<b>EXPECTATIONS OF STUDENTS</b>			
To have good attendance as course is assignment based and they are completed throughout the year. To be motivated to work on own both in school and at home to compliment the work done in lessons. To have pride in the production and presentation of their work. To be willing to act on feedback provided to improve work.			
<b>CAREERS IMPLICATIONS</b>			
Supports further progression into an Apprenticeship or entry level employment in the science sector.			
<b>FOR MORE INFORMATION CONTACT</b>			
Mrs McNeillis, Townsend Church of England School			

## Alban Learning Partners

Townsend  
Church of England  
School

The Marlborough  
Science Academy

*St Albans*  
Girls' School

Samuel Ryder  
Academy

Loreto College

### Certificate/ Diploma in Medical Sciences

LEVEL	SUBJECT TITLE	AWARDING BODY	SPECIFICATION NUMBER
3	Certificate in Medical Science	WJEC	601/7651/9
3	Diploma in Medical Science	WJEC	601/7644/1
<b>ENTRY REQUIREMENTS</b>			
Grade 4 in English (either Language or Literature) and at least 4 other 3-9 grades in other subjects. Grade 4 for GCSE Combined Science			
<b>COURSE CONTENT</b>			
<u>Certificate in Medical Science</u>			
3 mandatory units –			
<ol style="list-style-type: none"> <li>1. Human health and disease;</li> <li>2. Physiological measurement techniques;</li> <li>3. Medical Science research methods.</li> </ol>			
Unit 1 is assessed by external written examination.			
This course is the equivalent of an AS Level and taught over 2 years. UCAS points are as follows: D* - 28, D – 24, M – 16, P - 8			
<u>Diploma in Medical Science</u>			
6 mandatory units			
<ol style="list-style-type: none"> <li>1. Human health and disease</li> <li>2. Physiological measurement techniques</li> <li>3. Medical Science research methods</li> <li>4. Medicines and treatment of disease</li> <li>5. Clinical laboratory techniques</li> <li>6. Medical case study</li> </ol>			
Units 1 and 6 are externally assessed by written examination.			
This course is the equivalent of an A Level and taught over 2 years. UCAS points are as follows: D* - 56, D – 48, M – 32, P - 16			
<b>LEARNING METHODS AND ASSESSMENT</b>			
Learning will take place through on-going practical sessions, to gain vocationally relevant knowledge and skills. This may be achieved by visits to work places, e.g. clinical laboratories or healthcare establishments; talks by visiting speakers, e.g. healthcare professionals, clinical scientists or scientists working in the pharmaceutical industry; using data from websites such as Public Health Wales/England to look at causes and spread of disease and learning activities in conjunction with healthcare professionals.			
<b>EXPECTATIONS OF STUDENTS</b>			
Students should be interested in human health and may want to pursue a career in this area.			
<b>CAREERS IMPLICATIONS</b>			
This qualification equips learners with scientific knowledge and understanding, as well as practical skills that would support progression to a range of job roles within health care. A significant proportion of career opportunities in this sector are at degree level. When supported by other appropriate qualifications, the Level 3 Certificate in Medical Science will enable progression to higher education to a range of Applied Science programmes, such as biomedical science, life sciences, physiology and nursing.			
<b>FOR MORE INFORMATION CONTACT</b>			
Mrs McNellis, Townsend Church of England School			