

A LEVEL AND BTEC COURSE GUIDE 2022-2023

**Subject information and entry
requirements**

BOURNSIDE SIXTH FORM

ENTRY REQUIREMENTS

At Cheltenham Bournside School, we invest a significant amount of time in ensuring that students applying to our Sixth Form, internally and externally, are well suited to their chosen subjects.

We now offer three NEW pathways, designed to help you choose a selection of subjects that will help you to reach your future goals:

Pathway 1 Studying 3 or 4 A levels	Entry criteria is at least a grade 4 in Mathematics and English Language or Literature and at least a grade 5 in your three/ four chosen subjects at A level.
Pathway 2 Studying 3 BTEC courses	Entry criteria is at least a grade 4 in Mathematics and English Language or Literature and at least a grade 4 in 3 related GCSEs.
Pathway 3 Studying a combination of BTEC courses and A levels	Entry criteria is at least a grade 4 in Mathematics and English Language or Literature and a bespoke offer of grade 4s and grade 5s depending on examination results.

If you are applying to join our Sixth Form from another school, we encourage you to visit us with your parent/carer and see for yourself what we offer for the next exciting stage of your education. Please contact Sixth Form Student Services on 01242 229511 to arrange an appointment.

YEAR 13 PROGRESSION CRITERIA

In order to progress successfully from Year 12 in to Year 13, you need to have displayed adequate progress on your programme of study. Your place in Year 13 will be evaluated at the end of Year 12, and your attitude to learning, attendance and progress across the year will inform your successful progression into Year 13.

Cheltenham Bournside School reserves the right to refuse progression into Year 13 based on any of these factors. If we decide that is not in your best interest, an alternative offer will be made.

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SUBJECT-SPECIFIC ENTRY REQUIREMENTS

SCIENCE-BASED COURSES

Biology

- Grades 6,6 in core and additional science, plus grade 5 in Mathematics
- Grade 6 in Biology if studied as a single science, plus grade 5 in Mathematics

Chemistry

- Grades 6,6 in core and additional science, plus grade 5 in Mathematics
- Grade 6 in Chemistry if studied as a single science, plus grade 5 in Mathematics

Physics

- Grades 6,6 in core and additional science, plus grade 6 in Mathematics
- Grade 6 in Physics if studied as a single science, plus grade 6 in Mathematics

Computer Science

- Grade 6 in Computer Science if studied, plus grade 5 in Mathematics. Students that haven't studied GCSE Computer Science will need to take a test before being accepted

Psychology

- Grade 5 in two sciences and English

MATHEMATICS-BASED COURSES

Mathematics

- Grade 6 in Mathematics

Further Mathematics

- Grade 7 in Mathematics

Level 3 Core Mathematics

- Grade 5 in Mathematics (enrichment option which can be taken alongside A Levels)

BUSINESS, HUMANITIES, AND SOCIAL SCIENCES

Business

- Grade 5 in Business and grade 5 in Maths and English

Vocational Business

- Level 2 Merit in OCR Level 2 Business/BTEC Level 2 Business, or grade 4 at GCSE Business and a grade 4 at English and Maths

Economics

- Grade 5 in Mathematics

Geography

- Grade 5 in Geography

Government and Politics

- Grade 5 in an English or humanities-based GCSE

Health and Social Care (single and double award)

- Grade 4 in English and Maths plus three GCSEs at grade 4

History

- Grade 5 in History or in an English if not studied

Religious Studies (Philosophy & Ethics)

- Grade 5 in Religious Studies or in an English if not studied

Sociology

- Grade 5 or equivalent in Sociology/Health and Social Care or in an English or humanities-based GCSE

LANGUAGE-BASED COURSES

English Language and Literature

- Grade 5 in both English Language and English Literature

English Literature

- Grade 5 in both English Language and English Literature

Modern Foreign Languages

- French, Spanish, Mandarin
- Grade 5

PHYSICAL EDUCATION AND SPORT

Physical Education

- Grade 5 in GCSE PE or Merit in equivalent BTEC (students must also be playing one competitive sport at a good standard outside of school to fulfil coursework expectations)

Sport BTEC (single and double award)

- Grade 4 at English and Maths, plus a further three GCSEs at grade 4

TECHNOLOGY-BASED SUBJECTS

Design and Technology (Product Design and Fashion and Textiles)

- Grade 5 or equivalent pass in a design technology-based subject or entry portfolio if not studied at GCSE

Information Technology BTEC

- Grade 4 in English and Maths plus three GCSEs at grade 4

ART AND PERFORMING ARTS

Art 3D Design

- Grade 5 in an art-based GCSE or entry portfolio if not studied at GCSE

Fine Art

- Grade 5 in an art-based GCSE or entry portfolio if not studied at GCSE

Art Graphics (Graphic Communication)

- Grade 5 in an art or graphics-based subject or entry portfolio if not studied at GCSE

Art Photography

- Grade 5 in an art-based GCSE or entry portfolio if not studied at GCSE

Music Technology BTEC

- Grade 4 in English and Maths plus three GCSEs at grade 4

Music

- Grade 5 or entry test pass if not studied at GCSE

FILM AND MEDIA

Film Studies

- Grade 5 in an English or humanities-based GCSE

Media Studies

- Grade 5 in Media Studies or in an English or humanities-based GCSE

ART 3D DESIGN

Exam Board

OCR

Entry criteria

Students must have achieved at least a grade 5 in Art at GCSE. Students who did not take GCSE Art may apply for a special entry test, which must be successfully passed to gain access to the course.

Assessment

There is no written exam and all work is produced in art studio conditions.

Notes

Students may combine 3D Design with Photography or Graphic Communication to provide a strong foundation for university art and design degree courses.

Please note: University art foundation courses normally require students to have studied A Level Art.

Overview

If you enjoy creating objects in three dimensions then this course is for you. The course provides an excellent foundation for further study or careers in fashion, architecture, 3D design and sculpture amongst others. You will explore how to construct forms in a range of materials, learn how to take work from initial sketches and concept designs through to final 3D outcomes.

Students are able to engage with a series of creative coursework projects exploring themes such as the figures, structures and natural forms. Visual awareness and creativity are developed via making and presenting ideas in a range of media such as glass, resin, clay, wire and textiles.

In Year 12, students undertake an intensive foundation period of creative study under the guidance of specialist tutors, exploring a range of experimental techniques, developing skills and ideas and learning how to analyse artwork.

In Year 13, students further refine their strongest area of interest, developing a highly personal direction supported by the tutors. There are a number of opportunities for gallery visits, trips abroad and a regular figure drawing class for all A level students along with access to a wide range of facilities. The practical elements are supported by a written related study in which the student explores the artists that have influenced them. Students combine their knowledge and understanding to support their coursework portfolio.

Careers

A starting point for students wishing to develop a career in the creative industries, A Level Art enables progression towards art foundation and a degree in: video, fashion, textile design, graphics, 3D design, product design, interior design, fine art, art digital media, animation, design for interactive media, illustration, teaching, automotive design and many others.

ART GRAPHICS

(GRAPHIC COMMUNICATION)

Exam Board

OCR

Entry criteria

Students must have achieved a grade 5 in a related art/design subject. If not previously studied, students may demonstrate their suitability through a portfolio of work and liaison with the Head of Art.

Assessment

There is no written exam and all work is produced in art studio conditions.

Notes

Students may combine Graphic Communication with Photography or Fine Art to provide a strong foundation for university art and design degree courses.

Overview

If you are interested in clever marketing visuals, funky lettering, logos, symbols, the way messages are communicated, or graphic art in general, this course is for you. Students are able to enjoy a series of creative coursework projects exploring themes such as image and typography, layout design, experimental imagery and more abstract approaches. Sources from illustration, advertising and editorial design will provide further inspiration.

In Year 12, students undertake an intensive period of creative study under the guidance of specialist tutors, learn a range of experimental techniques, how to develop ideas and how to understand and produce graphic artwork. Lessons on Photoshop, Illustrator and other digital media, as well as collage and screen print broaden the range of practical explorations.

In Year 13, students further specialise in their strongest area of interest, developing a highly personal direction supported by tutors. A wider appreciation is developed via gallery visits locally, nationally and internationally. Students combine their knowledge and understanding to support their coursework portfolio. Outcomes include web design, graphics for architecture, campaign posters, clothing branding, movie posters, illustration, and animation.

Careers

A starting point for students wishing to develop a career in the creative industries, A Level Graphic Communication enables progression towards art foundation and a degree in: video, fashion, textile design, graphics, 3D design, product design, interior design, fine art, art digital media, animation, design for interactive media, illustration, teaching, automotive design and many others.

ART PHOTOGRAPHY

Exam Board

OCR

Entry criteria

Students must have achieved a grade 5 in a related art/design subject. If not previously studied, students may demonstrate their suitability through a portfolio of work and liaison with the Head of Art.

Assessment

There is no written exam and all work is produced in art studio conditions.

Overview

If you enjoy capturing moments and details from the world around you, or designing complex digital experiments, then this course is for you. You will learn photographic skills and key concepts but outcomes and portfolio development may go into physical or digital manipulation (graphic style work) or even video.

The A Level Photography course is taught within the Art Department: a suite of rooms with access to specialist photographic studio equipment, dedicated studio space, and digital manipulation software. Students will examine themes such as portraiture and identity, textures, structures, video, gif and special effects, as well as more conceptual projects.

In Year 12, students undertake an intensive period of creative experimental study under the

guidance of specialist tutors and develop a personal response to a range of written and visual starting points, briefs and stimuli.

In Year 13, students may specialise in their strongest area of interest, developing a highly personal direction, supported by tutors. The practical elements are supported by a written related study in which students explore the artists who have influenced them. A wider appreciation is developed via gallery and location visits locally, nationally and internationally.

Careers

This course is designed for students who wish to study A Level Photography with ambitions to pursue photography as a career, and those who simply wish to explore the creative possibilities of digital photography.

FINE ART

(DRAWING, PAINTING, PRINT, 3D, MIXED MEDIA)

Exam Board

OCR

Entry criteria

Students must have achieved a grade 5 in a related art/design subject. If not previously studied, students may demonstrate their suitability with a portfolio of work and liaison with the Head of Art.

Assessment

There is no written exam and all work is produced in art studio conditions.

Notes

Students may combine Fine Art with Photography or Graphic Communication to provide a strong foundation for university art and design degree courses.

Please note: University art foundation courses normally require students to have studied A Level Art.

Overview

If you enjoy drawing, painting, sculpture or simply developing ideas with a range of media, then this course is for you. Students are able to enjoy a series of creative coursework projects exploring themes such as the figure, structures and natural forms. Visual awareness and creativity are developed via areas of study including drawing, painting, sculpture, mixed media and digital media.

In Year 12, students undertake an intensive foundation period of creative study under the guidance of specialist tutors, learning a range of experimental techniques, how to develop ideas and how to analyse artwork. Key skills are reinforced and developed and project work helps students to understand how to respond to the assessment objectives.

In Year 13, students further specialise in their strongest area

of interest, developing a highly personal direction supported by tutors. There are opportunities for gallery visits, trips abroad and a regular figure drawing class for A Level students. The practical elements are supported by a written related study in which students explore the artists who have influenced them. Students combine their knowledge and understanding to support their coursework portfolio.

Careers

A starting point for students wishing to develop a career in the creative industries, A Level Art enables progression towards art foundation and a degree in: video, fashion, textile design, graphics, 3D design, product design, interior design, fine art, art digital media, animation, design for interactive media, illustration, teaching, automotive design and many others.

BIOLOGY

Exam Board

AQA

Entry criteria

- Grades 6,6 in core and additional science, plus a grade 5 in Mathematics
- Grade 6 in Biology if studied as a single science, plus grade 5 in Mathematics

Assessment

3 externally examined papers and the science practical endorsement which is internally assessed.

Overview

We hope to develop an interest in and enthusiasm for biology, including in further study and careers that may include biology. The course aims to develop essential knowledge and understanding of different areas of biology and how they relate to each other, and considers how society makes decisions about scientific issues.

It will build upon work covered at GCSE and will involve detailed study of topics such as cells, plant and animal transport systems and biological molecules, as well as analysing processes such as respiration and photosynthesis. You will also cover challenging new areas such as biotechnology and gene technology that are advancing rapidly and have

far-reaching consequences for our lives, our health, and our understanding of the world around us.

Careers

Success in biology leads to a wide range of higher education and career opportunities such as in agriculture, biochemistry, biology, biotechnology, dentistry, environmental sciences, food science, forensic science, genetic engineering, medicine, micro-biology, pathology, pharmacy, and veterinary science.

Other possibilities include animal welfare, beauty therapy, childcare, dietician, midwifery, nursing, horticulture, physiotherapy, psychology, speech therapy, sports science, and teaching.

VOCATIONAL BUSINESS

Exam Board

OCR (Cambridge Technical)

Entry criteria

Grade 4 in English and Maths and at least Grade 4 in three related GCSEs

Assessment

66% Exam/33% Coursework

Entry criteria

A Merit in OCR Level 2 Business/BTEC Level 2 Business, or Grade 4 at GCSE Business, English and Maths and at least Grade 4 in three related GCSEs.

Notes

OCR Cambridge Technical Level 3 in Business is equivalent to 1 x A Level and achieves UCAS Points.

Overview

This qualification is designed for both vocational and academic learners who wish to develop a career in business. The course has been designed specifically to cater for learners wishing to study business at university and to equip students with the skills required for full time apprenticeships and employment in the business industry.

Students will develop an understanding of how business are constructed and how areas of the business must coordinate together as part of team, for example; Human Resources, Marketing, Finance & Accounts, Economics, Law, Business Management, Event Management and Sales.

Students are encouraged to work and operate like young professionals within a business

setting and working environment. Learning is developed via class discussions, business guests, visits and business meetings. There will be visits to local, national and international business settings.

Careers

- Vocational and academic University Business degrees.
- Business degrees combined with subjects such as, Law, Psychology, Media, Engineering, English, Maths and languages.
- Apprenticeships in Business
- Full time employment in business – areas such as, Marketing, Sales, Finance, Customer Service, Events Management, Human Resources, Production, Administration and retail.

BUSINESS

Exam Board

Eduqas

Entry criteria

Grade 5 in Business and grade 5 in either Maths or English

Assessment

3 written external exams.

Enrichment

Students will be offered opportunities to take part in a wider variety of external competitions and visits during the 2-year course ranging from Young Enterprise, IFS Student Investor Challenge (Investing £100,000 of virtual money on the stock market), trips to local businesses, Amazon Headquarters and an international trip either to New York or China.

Overview

Can you see yourself as the next Mark Zuckerberg or Fraser Doherty or do you aspire to own your own small business? There has never been a more exciting time to start a business venture; with new emerging economies in Asia, and the negative impact Covid-19 has had on the UK economy, there are endless opportunities for the budding entrepreneur.

Whatever your vision, this course covers all the key topics of starting and running a business. You will learn how businesses operate and explore these areas in depth: marketing, accounting and finance, human resource planning, and operations management.

Careers

This course is ideal for students who wish to pursue a career in a business environment, or who wish to set up their own business, or simply enjoy studying a subject that affects their everyday lives. It is also suitable for those who wish to study business or a business-related course such as economics, law, accounting, finance, management, or politics at a higher level.

CHEMISTRY

Exam Board

AQA

Entry criteria

- Grade 6, 6 in core and additional science, plus grade 5 in Mathematics
- Grade 6 in Chemistry if studied as a single science, plus grade 5 in Mathematics

Assessment

3 externally examined papers and the science practical endorsement which is internally assessed.

Overview

Chemistry provides students with transferable skills that are vital within scientific fields but also incredibly valuable in many other areas.

Students will not only be able to apply their knowledge to the world around them, they will develop rigorous research skills, the ability to risk assess and problem solve and communicate ideas in a fluid and concise manner.

The AQA specification allows Year 12 students to create a strong foundation of fundamental concepts across all three areas: physical, inorganic and organic chemistry.

These concepts will be revisited in Year 13 and built upon, allowing students to work towards applying their knowledge in a real-world context.

This model means that whether students have studied Combined Science (2 GCSEs) or Triple Science (3 GCSEs), all students can make great progress. Alongside the theoretical knowledge, students will complete a series of practical activities that will allow them gain a valuable practical endorsement at the end of the course.

Careers

Chemistry is an essential subject for students who wish to follow higher education courses in medicine, veterinary science, pharmacy, and a wide range of chemistry/biochemistry courses, leading to areas such as drug discovery, forensic science, and science publishing.

COMPUTER SCIENCE

Exam Board
OCR

Entry criteria

Grade 6 in Computer Science if studied, plus grade 5 in Mathematics. Students that haven't studied GCSE Computer Science will need to take an entry test before being accepted onto the course.

Assessment

2 written 2.5-hour exams at the end of Year 13 and a programming project also completed in Year 13.

Overview

Computer Science is an ideal course for students who want to learn the underlying principles of how computers work. The course examines the fundamental concepts including: abstraction, decomposition, logic, algorithms, and data representation. Students analyse problems in computational terms and through practical experience of programming, developing the capacity to think creatively, innovatively, analytically, logically, and critically.

At A Level, students write a program of their choice to demonstrate their knowledge and understanding of the subject. Many students choose to make simple 2D games such as Space Invaders or Pac-Man, which gives them a good grounding for higher education. This is a challenging course, requiring patience,

perseverance and a very keen interest in computers.

Careers

Programming, systems analysis, software engineer, games development, database engineer, hardware and software research, technical support, network engineer, forensic computing and information security analyst are examples of typical careers. However, such is the exponential growth of computer science that many careers may not even exist yet!

DESIGN AND TECHNOLOGY

(PRODUCT DESIGN)

Exam Board
Eduqas

Entry criteria

Grade 5 or equivalent pass in a design technology-based subject, or entry portfolio if not studied at GCSE.

Assessment

Written exam worth 50% and an extended 'design and make' project (approximately 80 hours) worth the other 50%.

Overview

Product Design provides students with the skills they need to succeed in their chosen pathway. Students will be able to recognise design needs and develop an understanding of how current global issues, including integrating technology, impact on today's world.

This exciting course offers opportunities to develop design and manufacturing skills in a creative and innovative way. Students will gain specialist knowledge in design, materials, manufacture, and marketing with an emphasis on industrial practice and the application of computer-aided design and computer-aided manufacture.

Students will be required to set their own design contexts and use iterative processes of design and manufacture to develop high quality prototypes. Due to the length of this process, students will need to be good coursework project managers.

Careers

Product Design is an excellent choice for anyone considering a career in any field of design e.g. graphic design, furniture design, product design, car design, architecture, jewellery design, engineering etc.

DESIGN AND TECHNOLOGY

(FASHION AND TEXTILES)

Exam Board
Eduqas

Entry criteria

Grade 5 or equivalent pass in a design technology or art-based subject, or entry portfolio if not studied at GCSE.

Assessment

This course consists of a written exam worth 50% and an extended 'design and make' project (of approximately 80 hours) worth 50%.

Overview

Fashion and Textiles provides students with an opportunity to develop design and manufacturing skills in a creative and innovative way. Students will be required to manufacture high-quality products and prototypes to meet a specific need or consumer group. The product may suit the client's need in the home or as a fashion item.

It is an exciting course, which will allow students to become aware of the place of design in society and the influences that designers have in the world in which we live. There will be opportunities to take part in extra-curricular activities, e.g. designing and making garments, and trips out of school to Clothes Show Live and London Fashion College's Graduate Show!

Careers

Fashion and textiles is an excellent choice for anyone considering a career in any field of textile design, fashion design, teaching, interior design, soft furnishing, product merchandising and manufacturing.

DRAMA AND THEATRE STUDIES

Exam Board
Edexcel

Entry criteria

Grade 5 or entry test if not studied at GCSE.

Assessment

60% coursework and 40% exam.

Overview

Drama and Theatre Studies allows students the opportunity to combine a sophisticated practical and academic response to theatre in all its forms. Students will study set texts and the work of several theatrical practitioners as well as participating in group projects producing original performance work and performing scripted plays.

To be a high achiever, we expect students to work cooperatively and sensitively with others. Students should be able to give up time outside school hours and have a genuine interest in theatre. A willingness to experiment with new ideas and a sense of fun are also important.

Careers

This is a good qualification for anyone considering working in the performance/media industry. Drama and Theatre Studies gives an excellent background in the understanding of communication in all its forms; intrapersonal, interpersonal, and group communication.

ECONOMICS

Exam Board

Edexcel (Economics A)

Entry criteria

Grade 5 in Mathematics.

Assessment

100% exam assessed.
Students sit 3 papers; each 2 hours in length. The questions are a mix of multiple choice, data response, and essay questions across the 3 papers.

Paper 1 covers themes 1 and 3 (microeconomics). Paper 2 covers themes 2 and 3 (macroeconomics). Paper 3 is an asynoptic paper covering all 4 themes.

Overview

In studying economics, you will gain an understanding of current economic issues such as 'Why do students pay tuition fees for higher education?', 'Can the government solve the pensions crisis?' and more contemporary issues such as the 2008 financial crash, Brexit, and the Eurozone crisis. You will be introduced to a range of concepts and theories that are used to explain how the real world operates.

Economics attempts to explain the behaviour of consumers, producers, and governments, using models and data looking at real world problems. Students need to enjoy working with numbers and graphical techniques.

The 4 themes are: markets, the UK economy, business economics, and global economics. Students will be offered opportunities to take part in a number of external competitions and visits during the 2-year course. We aim to visit Parliament each year and the City of London.

Careers

This course is useful for those who wish to pursue an economics/business-related profession or set up their own business. It is also ideal for those who plan further study in economics, business studies, law, accounting, finance, management or politics.

ENGLISH LANGUAGE AND LITERATURE

Exam Board

Edexcel

Entry criteria

Grade 5 in both English Language and English Literature.

Assessment

80% exam based with 2 exam papers. 20% coursework consisting of the study of 2 texts of the student's choice leading to 2 pieces of original writing (inspired by the study texts) and an evaluative commentary.

Overview

This is a great all-round course for creative writers and readers interested in exploring a wide range of literary and non-literary styles. You will study a diverse range of material: from famous speeches to film scripts and travelogues, to Shakespeare and traditional prose.

You will read classics alongside a much broader variety of English texts, from genre features to language features, text structure to audience appeal – all with a view to perfecting your analytical skills and developing your own unique writing style. The Edexcel Anthology (provided with the course) includes a variety of texts with a particular emphasis on non-fiction and media extracts; there is something for everyone to enjoy!

In Year 13 you will study 2 texts of your own choice in depth and will showcase your creative writing skills in a range of writing styles – something any budding novelist or journalist will relish.

Careers

English graduates do things as diverse as working in law, design and technology, computing, journalism, publishing, accountancy, TV, music, education, retail, catering, and writing.

ENGLISH LITERATURE

Exam Board

Edexcel

Entry criteria

Grade 5 in both English Language and English Literature.

Assessment

80% exam-based with 3 exam papers: drama, prose and poetry. 20% coursework: a 2,500-3,000 word critical comparison of 2 significant literary texts.

Overview

Our A Level English Literature course is for lovers of books, plays and poetry. Travel with us on a literary journey, from romantic poets like Byron to modern-day classics; from Renaissance ideas in Shakespeare to contemporary philosophy and social issues in a modern novel. You could be delving into true crime, or scaring yourself silly with a modern ghost story.

You will navigate modern poetry alongside iconic drama texts. You will explore how texts reflect the time in which they were written, how themes and ideas travel across different texts and times, and how you can use critical theory to develop your own ideas.

To study literature is to study the world and humanity in miniature. With a wealth of texts on offer and

the freedom to select the fiction or non-fiction texts of your choice in your coursework, there will be plenty of chances to discover something you love!

Careers

English graduates do things as diverse as working in law, design and technology, computing, journalism, accountancy, publishing, TV, music, education, retail, catering, and writing.

FILM STUDIES

Exam Board

WJEC Eduqas

Entry criteria

Grade 5 in an English or humanities-based GCSE.

Assessment

70% examination
30% practical non-examined assessment.

Overview

The Film Studies A Level course is very much aimed at developing and deepening your understanding of the way that films tell us stories, engage and entertain us, even how they sometimes show us the truth about our societies. You will be taught how to analyse film, how to understand how films relate to the contexts and genres in which they were made and, ultimately, how to make your own film.

The course provides an insight into a range of film styles and movements, developing skills in - and understanding of - the language of film and the messages and values encoded in its construction.

As well as studying film and the ways in which it makes meaning, you will create your own sequence: you will take

sole charge of the production and demonstrate your skills in narrative, cinematography, editing, sound, and mise-en-scene.

In summary, the course will engage you with a whole range of different film styles and movements: from narrative to documentary; mainstream to experimental; familiar to unexpected; British to European; Hollywood to worldwide; contemporary to historical.

Please be aware that 18 Certificate films may be studied as part of the course.

Careers

The study of film provides an aesthetic, technical, and practical understanding of the medium, preparing you for higher education in arts subjects as well as further study and development of skillsets related to the industry.

FRENCH

Exam Board
AQA

Entry criteria
Grade 5

Assessment
3 exams at the end of Year 13 which test all 4 language skills.

Overview

Studying French at advanced level undoubtedly increases your employment opportunities. We aim to develop an appreciation of France and its culture. Students will research information, take part in debates and explore their feelings about contemporary issues, all whilst building on their knowledge of French gained at GCSE.

There will be opportunities to experience the language outside of the classroom with our eTwinning project and our French foreign language assistant. We've aimed to make the French A Level compelling by basing the study topics around lifestyle and social topics that you'll be interested in and it could give you a competitive edge in the labour market too!

All 4 skill areas are tested based on current trends in French society, artistic culture in the French-speaking world, and the study of a French film. The topics covered are: the 'cyber society', the place of voluntary work and the changing role of the family, contemporary French music, cinema, and the heritage of France. In Year 13, students study further topics within social and political spheres in the French-speaking world as well as a literary text.

Careers

Only 1 in 10 careers with languages is in fields such as interpreting and teaching. Whether you are destined for a career in commerce, accountancy, the travel industry, medicine, or engineering, a language should be considered an invaluable skill.

GEOGRAPHY

Exam Board
AQA

Entry criteria
Grade 5.

Assessment
80% written examination
20% individual fieldwork investigation.

Overview

In Geography, students investigate relationships between human populations and physical environments. You will gain knowledge and understanding of modern issues at a variety of scales whilst being able to consider their own, and decision makers' role, value, and attitude towards these issues.

We aim to develop an appreciation of the dynamic nature of contemporary geography. The A Level course builds upon the learning established at GCSE, including both familiar and new topics. Students will research information, solve problems and conduct practical fieldwork.

Students will have the opportunity to take part in various fieldwork activities including an individual investigation in Year 13.

Careers

Geography students are able to apply their skills to achieve success in many different careers including commerce, scientific services, planning, travel, tourism, journalism, development, environmental management, and conservation.

GOVERNMENT & POLITICS

Exam Board
Edexcel

Entry criteria
Grade 5 in an English or humanities-based GCSE.

Assessment
3 exams at the end of Year 13, each 2 hours in length: UK politics; UK government; comparative politics (USA).

Overview

In Year 12 we aim to encourage an interest in and an understanding of British politics. Students will gain knowledge of important concepts and institutions related to the constitution, parliament, political parties, and electoral systems. Students study and discuss current political developments, such as the 2017 election and Brexit, visit the Houses of Parliament and Supreme Court, and get a chance to promote and debate political policy in the local council chambers.

Year 13 focuses on the study of important ideologies such as liberalism and socialism that have shaped many important historical and political events. Students also analyse the American political system and compare it with the UK. There will be an opportunity to participate in political debate

with other local schools. Study visits include a trip to the House of Commons.

Careers

The course is useful to students intending to pursue a wide range of social science courses at higher education. Students planning to embark on a career in law, journalism, social services, management, or politics will benefit from the course.

HEALTH & SOCIAL CARE

(LEVEL 3 NATIONAL BTEC)

Exam Board
Edexcel

Entry criteria
Grade 4 in English and Maths, plus three further GCSEs at grade 4.

Assessment
- Extended Certificate option (1 A Level) – 4 units (58% externally assessed)
- Extended Diploma option (3 A Levels) – 13 units (42% externally assessed)

Overview

Our Health and Social Care qualifications can be studied alongside other Level 3 qualifications. We offer the course as an Extended Certificate (equivalent to 1 A Level) or as an Extended Diploma (equivalent to 3 A Levels). Both are designed for post-16 learners wishing to go on to further or higher-level study or directly to employment in this area.

The qualification attracts UCAS points and is widely recognised by universities and employers. Many students opt for this qualification because 40% of the final assessment is comprised of ongoing coursework, and the assessment is not solely based on terminal examinations at the end of Year 13.

Extended Certificate: Human lifespan development; Working in health and social care; Meeting individual care and support needs.

In addition, 1 optional unit will be decided by the school.

Additional mandatory units for the Diploma: Enquiries into current research in health and social care; Principles of safe practice in health and social care; Promoting public health, Work Experience and Anatomy and Physiology. In addition, 4 optional units will be decided by the school.

Careers

This course can be taken alongside a variety of subjects and may lead to a degree, higher level apprenticeship or employment. For example, when combined with A Levels in Biology and Psychology, it could lead to a degree in nursing; combined with English and History, it could lead to a BA (Hons) in primary education; and when combined with Sociology and Psychology, it could lead to a degree in social work.

HISTORY

Exam Board
Edexcel

Entry criteria

Grade 5 in History or in an English if not studied.

Assessment

3 exams at the end of Year 13:

1. A breadth study on how Britain was transformed between 1918 and 1997 (30%)
 2. A depth study on America in the 1920s and 1930s (20%)
 3. An investigation into Tudor Rebellions (30%).
- 20% coursework on Civil Rights in the United States.

Overview

This course gives students knowledge and skills for life, including the ability to communicate clearly and to not accept everything at face value. It will help you to make greater sense of the world we live in by giving you increased understanding of the events and people who have helped to shape it.

Students undertake a breadth study of how Britain was transformed between 1918 and 1997, conduct a study in depth on the USA in the 1920s and 1930s, investigate Tudor Rebellions, and produce coursework on American civil rights, which can be on a topic of choice from the end of the Civil War through to the assassination of Martin Luther King and emergence of Black Power.

Students have the opportunity in Years 12 and 13 to visit Hampton Court Palace, the National Archives, and the Houses of Parliament.

Careers

History is a highly revered and academic A Level. It is a versatile subject that opens doors to a variety of careers and higher education courses, including law and journalism. It also complements a wide range of A Level subjects such as Politics and English.

INFORMATION TECHNOLOGY

(LEVEL 3 NATIONAL BTEC)

Exam Board
Edexcel

Entry criteria

Grade 4 in English and Maths and at least Grade 4 in three related GCSEs

Assessment

Extended Certificate (1 A Level) – 4 units (50% externally assessed)

Overview

This Information Technology qualification can be studied alongside other Level 3 qualifications. We offer the course as an Extended Certificate (equivalent to 1 A Level) which is designed for post-16 learners wishing to go on to further or higher level study, or directly to employment in this area.

The qualification attracts UCAS points and is widely recognised by universities and employers. Many students opt for this qualification because 50% of the final assessment is comprised of ongoing coursework, and the assessment is not solely based on terminal examinations at the end of Year 13.

Mandatory units for the Extended Certificate:

- Information technology systems
- Creating systems to manage information
- Using social media in business
- Website development.

Careers

The qualification is for learners who wish to continue with education or employment in the IT or computing sector. It is designed to be studied over 2 years and supports progression to higher education and employment. This course can be taken alongside a variety of subjects and is ideal for preparing students for any career associated with IT or business. Equally, IT is a valuable life skill and complements many other Level 3 subjects and future occupations.

MANDARIN

(CHINESE)

Exam Board
Edexcel

Entry criteria

Grade 5

Assessment

3 exams at the end of Year 13 which test all 4 language skills.

Overview

Studying Mandarin at advanced level undoubtedly increases your employment opportunities. Students will develop an appreciation of China and its culture. We've aimed to make the Mandarin A Level compelling by basing the study topics around lifestyle and social topics that you'll be interested in and it could give you a competitive edge in the labour market too!

Students will research information, take part in debates, and explore their feelings about contemporary issues, all whilst building on their knowledge of Mandarin gained at GCSE.

There are 3 final exams that test all 4 skill areas based on current trends in Chinese society, social issues as well as artistic culture, including the study of film and literature. Students will also need

to complete an individual research project.

In Year 13, students go on to study further topics on current issues in the social and political spheres in China.

Careers

Only 1 in 10 careers with languages is in fields such as interpreting and teaching. Whether you are destined for a career in commerce, accountancy, the travel industry, medicine, or engineering, a language should be considered an invaluable skill.

MATHEMATICS

Exam Board
Edexcel

Entry criteria

Grade 6 in GCSE Mathematics.

Assessment

3 externally assessed calculator examinations, each 2 hours in length. Candidates will sit 2 pure papers and 1 applied.

Overview

If you enjoyed GCSE Mathematics and you like problem-solving, this is the course for you. Many topics build on previous work at GCSE such as sequences, quadratics and trigonometry, whilst differentiation and integration provide interesting and stimulating new material to study.

Throughout the course you will tackle challenging problems that will develop your ability to think logically and help you become an independent learner.

A Level Mathematics provides a good grounding for those who take A Levels in Science, Geography, Design Technology, Business, Economics, and Psychology.

Careers

Career opportunities are many and varied: accountancy, actuarial work, architecture, astronomy, banking, building societies, computing, economics, engineering, hospital administration, insurance, market research, quantity surveying, and teaching.

FURTHER MATHEMATICS

Exam Board

Edexcel

Entry criteria

Grade 7 in GCSE Mathematics.

Assessment

4 externally assessed calculator examinations, each 1.5 hours in length. Candidates will sit 2 pure papers and 2 'option' papers.

Overview

This double A Level course is for students who truly love mathematics and want the challenge of studying a broader and deeper range of topics.

In addition to work in pure mathematics, applications of the subject to mechanics, statistics and decision mathematics are studied to provide a wide-ranging and inspiring course.

Students who may go on to study mathematics, engineering or physics at university would find Further Mathematics very useful, particularly if they want to apply to a higher tariff university.

Careers

Career opportunities are many and varied: accountancy, actuarial work, architecture, astronomy, banking, building societies, computing, economics, engineering, hospital administration, insurance, market research, quantity surveying, and teaching.

MUSIC

Exam Board

OCR

Entry criteria

Grade 5, or entry test if not studied at GCSE.

Assessment

Performing (30%) - Coursework: Students will perform a 6-minute recital on an instrument of their choice. Students can offer singing as an option.

Composition (30%) - Coursework: Students present 2 pieces of composition – 1 completely free choice and 1 on a brief provided by OCR.

Listening and Appraising (40%) - Exam: Students sit an exam based on familiar and unfamiliar music studied throughout the course.

Overview

While some students will choose this course because they intend to study music at university or college, it is equally appealing to those who enjoy music or are looking for a subsidiary subject. The skills it develops complement other subjects very well.

This course is divided into three areas, the practical components – performing and composing, and the more theoretical listening and appraising. Students can follow different pathways according to their particular musical strengths.

Students will study pieces of music from four different areas of study: The Classical Concerto, Developments of Popular Music, Programme Music 1820-1900

and Innovations in 20th Century Music. Students will build up their theoretical, aural and analytical skills by studying set works and through wider listening.

Careers

Studying A Level music can be a leap into music specific careers including: performer, teacher, administrator, songwriter, conductor, composer, recording engineer, manager, promoter, or music publisher. Music also complements a range of commonly studied A Level subjects like Maths, Physics, English and Biology in order to keep higher education options open.

MEDIA STUDIES

Exam Board

WJEC Eduqas

Entry criteria

Grade 5 in GCSE Media Studies or in an English or humanities-based GCSE.

Assessment

70% examination
30% practical non-examined assessment.

Overview

The fundamental questions around the role of the media are addressed through this A Level course. The ever-changing complexity of the media landscape is studied through a theoretical framework based around the core concepts of media language, representation, media industries and audiences. A contextual element is applied to the above, often developing comparative skills relative to different texts.

The texts studied consist of advertising and marketing; film industry; music video; newspapers; radio; video games; television; magazines; online/ social media.

There is a heavy emphasis on practical work – you will use skills in DTP and Moving Image to produce a sequence from a new television programme – putting your analytical skills into practice. There is an engagement with theory embedded in all aspects of the course, developing analytical skill in tandem with practical work.

Careers

Media Studies is a launchpad into a range of careers and higher education opportunities in the media and entertainment industry – one with a projected worth of £80 billion to the UK economy by 2023.

MUSIC TECHNOLOGY BTEC

(BTEC NATIONAL LEVEL 3 EXTENDED CERTIFICATE IN MUSIC TECHNOLOGY)

Exam Board

Pearson (Edexcel)

Entry criteria

Grade 4 in English and Maths, plus three further GCSEs at grade 4

Assessment

66% coursework, 33% externally assessed examination

Overview

If you have an interest in music and how it's produced, then this course is ideal for you. It is designed to increase your knowledge and understanding of music production software, commercial music and recording techniques.

You will develop and apply theory and practical skills though learning how to mix, master and produce your own music in Logic Pro, how to record live instruments and creatively using digital audio. You will also develop an understanding of studio roles.

You do not need to be a performer to complete this course, but an enjoyment of music and creativity are a must.

Careers

With this qualification, you can move into virtually any area in the music industry from studio production to live sound, even acoustic design. This BTEC carries the same amount of credit as a full A-level so it will assist you in applications to universities and colleges.

PHYSICAL EDUCATION

Exam Board
OCR

Entry criteria

Grade 5 in GCSE PE or Merit in equivalent BTEC. Candidates must also be playing one competitive sport to a good standard outside of school to fulfil coursework expectations.

Assessment

3 exams worth 70%:

1. Physiological factors affecting performance
2. Psychological factors affecting performance
3. Socio-cultural issues in physical activity and sport.

Non-exam assessed element worth 30%:

1. Practical performance (1 sport)
2. Evaluation and analysis of performance for improvement.

Overview

The A Level course equips learners with both a depth and breadth of knowledge, understanding, and skills relating to scientific, socio-cultural and practical aspects of physical education.

The practical element consists of an assessment in 1 activity in both Year 12 and Year 13, either as a performer or coach, as well as an analysis and evaluation of a performance. Practical assessment is largely undertaken within students' own time.

The course is very much theoretical with an emphasis on 'sports science'. Students will be expected to research different media to help underpin the knowledge they have gained within lessons.

Careers

A Level PE provides many varied and exciting career opportunities including: physiotherapy, sports coaching, the medical profession, military, emergency services, teaching, sports psychology, lecturing, the leisure industry, sports journalism, and sport development. It also offers you the opportunity to travel and teach sport in children's camps such as Bunacamp and Camp America, or study at a university abroad.

PHYSICS

Exam Board
Edexcel

Entry criteria

- Grades 6,6 in core and additional science, plus grade 6 in Mathematics.
- Grade 6 in Physics if studied as a single science, plus grade 6 in Mathematics.

Assessment

3 externally examined papers and the science practical endorsement which is internally assessed.

Overview

Physics is 'the study of matter, energy and the interaction between them'. Physics is really the study of everything in our universe; it is about asking fundamental questions and using observations and experiments to attempt to answer them. Our A Level course covers the study of the laws, theories and models of physics, and explores their practical application in a variety of real-life situations.

Topics studied and examined in the first 2 examined papers include working as a physicist, mechanics, electric circuits, further mechanics, electric and magnetic fields, nuclear and particle physics, materials, waves and particle nature of light, thermodynamics, space, nuclear radiation, gravitational fields and

oscillations. The third examined paper will include questions that assess conceptual and theoretical understanding of experimental methods that will draw on students' experiences of the core practicals. To pass this element and be awarded the science practical endorsement, students must demonstrate that they are competent in these practical skills.

Careers

The 2-year course provides grounding for those who intend to read one of the physical sciences or engineering at university. It is often highly recommended for those students who are likely to study medicine, biological or chemical sciences, and is a well respected A Level for most other careers.

PSYCHOLOGY

Exam Board
AQA

Entry criteria

Grade 5 in two Sciences and English.

Assessment

3 examinations, each 2 hours in length and all equally weighted.

Overview

Psychology is a science. It is the scientific study of the mind and behaviour. As a science, knowledge and understanding of research methods, practical research skills, and mathematical skills are assessed in all 3 exams.

Students studying psychology gain a broad overview of various topics central to psychology; develop an understanding of explanations of behaviour from different schools of psychological thought, and learn to analyse the strengths and limitations of the various psychological approaches. Students will analyse, interpret, and evaluate scientific information to make judgements and reach conclusions; and apply understanding of scientific ideas, processes, techniques and procedures to theoretical and practical contexts.

Students will also study the issues and debates pertinent to modern psychological research.

Careers

Psychology students can go on to study psychology at degree level and then to study specialist post-graduate psychology courses to access careers in the fields of educational, occupational, clinical, prison, community, and health psychology, as well as cognitive neuroscience and counselling.

Alternatively, students can access careers including social welfare, teaching, research, sales and marketing, finance, administration, and human resources with the skills developed through the A Level course.

RELIGIOUS STUDIES (PHILOSOPHY & ETHICS)

Exam Board
Eduqas

Entry criteria

Grade 5 in Religious Studies or in an English if not studied.

Assessment

3 written exams at the end of Year 13; 1 for each of the 3 components of the course: religious studies, philosophy, and ethics.

Overview

This course presents students with an opportunity to grapple with some of the most profound questions that have puzzled philosophers since the time of Socrates, Plato and Aristotle. Does God exist? Why is there a universe, rather than nothing? Is there any point to pain and suffering? And how sure can we be when we try to answer these questions.

How to decide what is right and what is wrong – and how to tell the difference – is something that we ask ourselves every day. Students will consider answers to these questions by studying ethical theories such as utilitarianism, natural law and situation ethics and apply them to real-life situations. Students can test their instincts by debating about which is more important: happiness, loyalty or love? They will also consider whether the choices

we make are really our own, or whether free will is just an illusion.

Students will also take an in-depth look at the world's largest religious tradition – Christianity – to learn its most important beliefs and its impact on the lives of believers. They will consider how relevant religion is in modern society and debate whether it should be.

Careers

Religious Studies is an academic A Level course that is seen as excellent preparation for a wide range of higher education courses. Students go on to pursue careers in law, politics, the civil service, journalism, and advertising, as they are adept at using persuasive reasoning. Business management consultancies and chartered accountants are enthusiastic about people who have studied the subject as they can think critically and communicate clearly.

SOCIOLOGY

Exam Board
AQA

Entry criteria

Grade 5 or equivalent in Sociology/Health and Social Care or in an English or humanities-based GCSE.

Assessment

Eternal examination. There is no coursework.

Overview

Sociology is the study of human beings in society. The subject examines the interaction of humans with each other and with the society around them.

It is a critical subject as it seeks to avoid 'obvious' or 'common sense' explanations of human activity, searching instead for explanations at a deeper level. Students will discuss the world around them to become familiar with a range of sociological theories each advocating a different approach to studying society – functionalist, Marxist, feminist and postmodernist.

In Year 12 students study education, families, and households and research methods. In Year 13 students study religion and crime and develop

a more detailed understanding of theory and methods. Whilst studying each topic, students will consider how age, gender, class and ethnicity influence people's life chances. An interest in politics will serve students well.

Careers

Sociology is of value in many careers. It will be particularly suitable for those considering work which will involve other people – teaching, social work, the caring professions, and personnel work in commerce and industry.

SPORT

(LEVEL 3 BTEC NATIONAL DIPLOMA IN SPORT)

Exam Board
Pearson (Edexcel)

Entry criteria

Grade 4 in English and Maths and at least Grade 4 in three related GCSEs

Assessment

Extended Certificate (= 1 A Level)
Diploma (120 credits = 2 A Levels): 9 units
50% externally assessed examination
50% coursework

Overview

This BTEC course equips learners with the knowledge, understanding and skills relating to scientific elements of sport, alongside developing knowledge of the business side of sport. This is combined with leadership in sport so learners will gain experience on how to coach, organise and lead sporting events.

The Extended Certificate is equivalent to 1 A Level and the Diploma is equivalent to 2 A Levels, consisting of the following units: Anatomy and Physiology, Professional development in the Sports Industry, Practical Sport, Fitness Training, *Fitness Testing, *Investigating Business in Sport, *Skill Acquisition, *Sports Injury Management, and *Sports Leadership. The wide nature of study engages students

in studying new topics and highlights the quality and variety of future roles available in sport.

Careers

This qualification provides a foundation for many career opportunities, including: sports coaching, military, emergency services, teaching, sports psychology, lecturing, the leisure industry, sports journalism, sport development, coaching, business, to name but a few. It can also offer the opportunity to travel and teach sport in children's camps such as Bunacamp and Camp America, or study at a university abroad.

*Diploma only

SPANISH

Exam Board
AQA

Entry criteria
Grade 5

Assessment

3 exams at the end of Year 13 which test all 4 language skills.

Overview

Studying Spanish at advanced level undoubtedly increases your employment opportunities. We aim to develop an appreciation of Spain and its culture, and make the A Level compelling by basing the study topics around lifestyle and social topics that you'll be interested in. Students will research information, take part in debates, and explore their feelings about contemporary issues, all whilst building on their knowledge of Spanish gained at GCSE.

All 4 skill areas are tested based on current trends in Spanish society, artistic culture in the Spanish-speaking world and the study of a Spanish film. The topics covered are: the 'cyber security', modern and traditional values, equal rights, the influence of modern-day idols, Spanish regional identity and the heritage of Spain.

In Year 13 students study further topics within social and political spheres in the Spanish-speaking world as well as a literary text.

Careers

Only 1 in 10 careers with languages is in fields such as interpreting and teaching. Whether you are destined for a career in commerce, accountancy, the travel industry, medicine, or engineering, a language should be considered an invaluable skill.

UNIVERSITY DEGREES DEGREE APPRENTICESHIPS HIGHER APPRENTICESHIPS

Here are the A level and BTEC qualifications that some universities and employers require for more popular subjects and jobs. Some courses and apprenticeships will require you to have relevant work experience such as architecture, law, journalism, teaching, medicine, dentistry, and nursing – check employer and university websites for their individual entry requirements.

Accountancy	Maths is useful. GCSE Maths and English at grade 6 or above are often required.
Aeronautical Engineering	Maths and Physics are usually required.
Architecture	Art and Design and a science is useful. A portfolio of work is often required by universities and businesses. Physics, Design Technology, or English are also considered useful.
Art and Design	Most entrants onto Art and Design degrees will have done a one-year art foundation course after completing sixth form or college, but this is also possible to complete as part of a degree course. A portfolio of work may also be required for a degree course or art-related apprenticeship.
Biochemistry	Chemistry is usually essential, along with a second subject of Biology, Maths, or Physics.
Biology	Biology is usually essential along with a second science or related subject such as Chemistry, Computing, Geography, Maths, Physics, or Psychology.
Biomedical Sciences	Biology is usually essential and for some courses, Chemistry may be too. Maths and Physics may also be desirable.
Business Studies Business Management Marketing	There are usually no essential subjects, though some may require Maths GCSE at grade 4/5. Essay-based subjects may support your application, as can Maths and sometimes Physics if you are considering finance/banking-related courses.
Chemical Engineering	Maths is usually essential and some may also like Chemistry or Physics.
Chemistry	Chemistry is usually essential and some like a second science or Maths.
Civil Engineering	Maths is often essential, plus a second science-related course such as Biology, Chemistry, Physics, and sometimes Geography.
Computer Science/IT	Maths is often essential, along with Computing or IT depending on the course or employer, and some like Physics or Further Maths.
Cyber Security	Maths is desirable, including a grade 5/6 or above at GCSE.
Drama	There are usually no essential subjects, but arts or humanities-based subjects may help. Offers are often based on interview at drama college/university. Apprenticeships differ so check out individual applications.
Design Technology/Design	There are usually no essential subjects, though Design Technology is an advantage. Some may ask for achievement in an art-related subject such as Art, Design Technology, Graphic Communication, Textile Design, and Photography, depending on the course or employer.
Economics	Economics, Maths, and Physics are often desirable.
Education/Teaching	There are usually no essential subjects, though GCSE Maths, English, and Science are often required, depending on the level you want to teach. Check what is required for PGCE or education courses. Teaching apprenticeships are usually post-graduate based.
Electrical Engineering	Maths is usually required along with a science such as Chemistry or Physics.
English	English Literature is usually required. Some universities look for a GCSE in a modern or classical language.
Film Studies	There are usually no essential subjects.
Geography, Geology and Earth Sciences	You will often need to have at least two from: Maths, Physics, Chemistry, and Biology.
Health and Social Care	There are usually no essential subjects, but relevant subjects include Psychology, Sociology, Law, and Health and Social Care.

History	History is useful, but not essential. A background in other humanities is helpful too.
Law	There are usually no essential subjects, but essay-based ones such as English and humanities-based subjects may be useful.
Mathematics and Statistics	Maths is essential and Further Maths is useful, but if this is your third A level subject, you may be restricted to Maths, Physics and some Engineering courses at university.
Mechanical Engineering	Maths and Physics are usually essential and Design and Technology may be an advantage.
Media Studies	Essay-based subjects may help. The social sciences or humanities are helpful but most universities/employers will not specify particular subjects.
Medicine and Dentistry	Biology and Chemistry are usually essential. Medicine, dentistry, and veterinary science applicants are usually required to have very good GCSE results in Maths, Science, and English.
Modern Foreign Languages	The language of your choice is desirable, but not essential. It is often advised not to take all languages at A Level. Other subjects that could complement a languages degree are humanities and arts-subjects such as English Literature or Language, History, or Politics. However, there is no definitive list of subjects that can be studied alongside languages.
Music	Music is usually essential, but some courses may accept a Grade 8 instead.
Nursing/Midwifery	Some may ask for science-based subjects such as Biology, Chemistry, Maths, Physics, and Psychology.
Paramedic	Science or a social science subject is usually required such as Biology, Chemistry, Design and Technology, Geography, Health and Social Care, Maths, Physical Education, Physics, Psychology, or Sociology. Check individual courses and the NHS website for apprenticeships.
Philosophy Religious Studies	There are usually no essential subjects, but at least one essay-based subject such as English, History, and Philosophy is an advantage in some cases.
Physics	Physics and Maths are usually essential.
Policing	There are usually no essential subjects, but essay-based ones, PE, and social sciences may enhance your application.
Politics	There are usually no essential subjects but Sociology, History, Economics, Maths, and Philosophy may help. Politics departments also tend to favour essay-based subjects like English, Religious Studies, or Psychology, and Science can be an advantage.
Psychology	A range of subjects are seen as essential including Biology, Chemistry, Computing, Economics, Maths and Further Maths, Geography, Physics, and Psychology. A grade 6/7 in Maths is often required for a degree in Psychology and a grade 6 in a science may also be required.
Sociology	There are usually no essential subjects. Other subjects that will be useful, however, are Psychology, History, Geography and Media Studies. Any humanities or social science subject that requires analytical and research skills will be useful.
Software Engineering	Two STEM subjects are usually essential such as Maths, Physics, Chemistry, Biology, or Computer Science.
Sports Science/PE/Physiotherapy	You will often need at least two from: Biology, Chemistry, Maths, PE, Physics, and Psychology.
Veterinary Science	Biology and Chemistry are usually essential and some may require a third science or another subject. Medicine, dentistry, and veterinary science applicants are usually required to have very good GCSE results in Maths, Science, and English.

CAREERS BY SUBJECT

Art	Ceramics design maker, Model maker, Sample machinist, Jewellery designer, Furniture restorer, Sign writer, Furniture designer, Illustrator, Costume designer, Fashion designer, Textile designer, Animator, Architect, Photographer, Art therapist, Set designer.
Biology	Neuroscientist, Climate change analyst, Botanist, Biotechnologist, Biologist, Optometrist, Pathologist, Chiropractor, Radiographer, Reflexologist, Biomedical scientist, Phlebotomist, Ecologist, Audiologist, Tree surgeon, Dental technician, Dermatologist, GP, Critical care technologist, Healthcare science assistant, Dentist, Surgeon, Orthoptist, Zoologist, Microbiologist, Nutritionist, Dietician, Physiotherapist, Midwife, Osteopath.
Business Studies	Facilities manager, Supply chain manager, Business adviser, Franchise owner, Stock control manager, Chief executive, Business project manager, Land and property valuer/auctioneer, Business development manager, Marketing executive or manager, Digital marketing officer, Retail buyer, Retail merchandiser, Sales manager, Quantity surveyor, Pay roll manager, Credit manager, Business analyst, Pensions manager, Financial manager.
Chemistry	Pharmacist, Pharmacy assistant or technician, Chemical engineer or technician, Chemist, Pharmacologist, Nuclear engineer, Orthoptist, Clinical scientist, Dispensing optician, Laboratory technician, Gas mains layer.
Computer Science	IT service engineer, IT security coordinator, Network manager, Network engineer, Software developer, IT support technician, Systems analyst, IT project manager, IT director, Computer systems administrator, Forensic computer analyst, IT trainer, E-learning developer, Web designer, App developer, Computer programmer, Software quality assurance engineer, Computer games developer, Office equipment service technician.
Design and Technology	Product designer, Sign maker, Architect, Furniture designer, Furniture restorer, Packaging technologist, Model maker, Fashion design assistant, Fashion designer, Footwear designer, Pattern grader, Stonemason, Ergonomist, Design and development engineer, Jewellery designer, Computer games developer, Sample machinist, Advertising art director, Carpenter, Costume designer, Graphic designer, Tailor, Glass engraver, Community arts worker.
Economics	Economist, Investment analyst, Financial adviser, Bank manager, Tax adviser, Banking customer care manager, Financial manager.
English Language and Literature	School teacher, Publishing editor, Newspaper or magazine editor, Editorial assistant, Solicitor, Bookbinder, Police officer, Barrister, Paralegal, Human resources officer, Legal secretary, Religious leader, Training manager, Further education lecturer, Road traffic accident investigator, Librarian, Sound engineer, Online tutor, Bid writer, Medical secretary, Sports journalist, Licensed conveyancer, Legal executive, Court usher.
English Literature	Bid writer, Author, Sub-editor, Copy editor, Magazine journalist, News journalist, Web editor, Translator, Media researcher, Proof reader.
Film Studies	Director of photography, Video editor, TV or film camera operator, Photographer, TV or film production manager, TV or film producer or director, TV or film sound technician.
Geography	Hydrologist, Soil conservationist, Water conservationist, Geoscientist, Geotechnician, Environmental consultant, Town planner, Oceanographer, Environmental health officer, Palaeontologist, Geological and Petroleum technician, Cartographer, Meteorologist, Surveying and mapping technician, GIS technician, Rural surveyor, Countryside ranger, Environmental economist, Sustainability consultant, Conservation scientist, Countryside officer.
Health and Social Care	Care home manager, Care home advocate, Foster carer, Mental health worker, mental health nurse, Communication support worker, Probation officer, Care assistant, Palliative care assistant, School nurse, Care worker, Occupational therapist, Acute care nurse, Prison instructor, School psychologist, Art therapist, Drug and alcohol worker, Social worker, Sociologist, Substance misuse outreach worker, Psychologist, Psychotherapist, Psychiatrist, Family support worker.

History	Historian, Broadcast journalist, Diplomatic service officer, Translator, Tour manager, Curator, Interpreter, Solicitor, Conservator, Barrister, Antique dealer, Crown prosecutor, Paralegal, Archaeologist, Archivist, Civil service executive officer, Local government officer, Member of parliament, Anthropologist.
Law	Police officer, Fingerprint officer, Crown prosecutor, Coroner, Criminal intelligence analyst, Court reporter, Police detective, Licensed conveyancer, Family mediator, Barrister, Court legal adviser, Diplomatic service officer, Human resources manager, Bailiff, Legal secretary.
Mathematics	Mathematician, Insurance underwriter, Mechanical engineer, Data analyst-statistician, Financial adviser, Nanotechnologist, Automotive engineer, Non-destructive testing technician, Electronics engineer, Astronaut, Electronics engineering technician, Investment analyst, Aerospace engineer, Naval architect, Marine engineering technician, Marine engineer, Management accountant, Insurance risk surveyor, Structural engineer, Electrical engineer, Public finance accountant, General practice surveyor, Mortgage adviser, Materials engineer.
Media Studies	TV presenter, Radio broadcaster, Web editor, Journalist, Copy editor, Broadcast journalist, Printing administrator, Newspaper or magazine editor, Editorial assistant, Media researcher, Magazine journalist, Sub editor, Image consultant, Publishing editor, Photographer, Graphic designer.
Modern Foreign Languages	Translator, Interpreter, Broadcast journalist, Teacher, Consultant, or working in Media, PR, Finance, Banking, or Tourism for a charity or a business trading internationally.
Music	Acoustics consultant, Actor, Musician, Music therapist, Music director, Sound engineer or technician.
Performing Arts	TV or film camera operator, Classical musician, Video editor, Wardrobe assistant, Lighting technician, Director of photography, Costume designer, Producer, Choreographer, Set designer, Actor, Drama therapist, Screenwriter, Stage manager, Prop maker, Audio/Visual technician, Make-up artist.
Philosophy and Ethics	Broadcast journalist, Community development officer, Charity director, Family support worker, Solicitor, Further education lecturer, Civil service administrative officer.
Photography	Art editor, Reprographer, Photographic stylist or technician, TV or Film director or producer, Audio visual technician, Cinema projectionist, TV or film camera operator, Photographer, Director of photography, Video editor, Visual merchandiser.
Physical Education	PE teacher, Fitness instructor, Personal trainer, Sports physiotherapist, Sports coach, Sports development officer, Sports scientist.
Physics	Materials engineer or technician, Heat treatment operator, Domestic appliance service engineer, Automotive engineer, Helicopter pilot, Nuclear engineer or technician, Electricity generation worker, Electricity distribution worker, Energy engineer, Gas service technician, Commercial energy assessor, Electronics engineering technician.
Politics	Member of parliament, Broadcast journalist, Diplomatic service officer, Emergency management director, Civil service, Immigration officer, Charity worker.
Psychology	Barrister, Forensic psychologist, Arbitrator, mediator, and conciliator, Community development worker, Psychologist, Consumer scientist, Cognitive behavioural therapist, Counsellor, Life coach, School psychologist, Hypnotherapist.
Sociology	Forensic psychologist, Broadcast journalist, Community development officer, Diplomatic service officer, Interpreter, Counsellor, Social worker, Sociologist, Consumer scientist.

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