



BISAK

SIXTH FORM OPTIONS AND
INFORMATION EVENING
TUESDAY 7TH FEBRUARY



To Apply
Contact The School Registrar
Email: registrar@bisak.org

Dear Parents and Pupils,

I thank you for taking an interest in our Sixth Form. It is with great pride as the Principal of this school that

I have the pleasure in leading the highest quality teaching staff.

As each year goes past our school grows stronger than ever, with our pupils leaving to attend the best universities in the UK and the rest of the world.

Our school is committed to high quality learning through small group sizes thus ensuring the very best levels of support for each and every pupil.

I very much hope, whether a current or new pupil that you will see the close family support we offer every individual in our school to ensure we nurture confident young individuals ready to leave us for the challenging world outside of school.

I look forward to you joining us in September 2017.

Kind regards

Mr Stephen Viner

Principal

To the pupils and Parents of potential Sixth Form 6th form pupils

The British International School of Al Khobar is an educational community that provides diverse and challenging learning experiences. We endeavor to motivate students to develop the belief that they can succeed. The school aims, through its international environment, to inspire everyone to be positive global citizens by reflecting upon equality, community service and peace.

As Head of Secondary, I invite you to join the Sixth Form at BISA. As a small school, we are in the unique position to provide a more personalised educational programme. Our teachers are highly skilled and committed to providing high quality learning. The courses on offer are diverse to accommodate the wide range of interest of pupils.

The Sixth Form provides an essential part of our pupil's academic growth. We strive to develop responsible, independent learners. Being part of a small school means that the individual can truly make a difference to both the Sixth Form and the school as a whole.

We are looking for pupils who want individualised, academically challenging learning experiences in a safe and supportive school environment. Pupils who are looking to develop the skills needed to become independent, effective lifelong learners. Pupils with values of commitment, integrity and respect for themselves and others. Pupils who wish to contribute and be leaders in the school community.

If this sounds like you, I welcome you to Sixth Form.

Kind Regards

Shaun Nichols

Head of Secondary

Welcome to BISAk Sixth Form

BISAk Sixth Form offers students a wide range of A level subjects taught by highly qualified, motivated staff. We are extremely proud of our history of excellent A-level results.

To ensure the highest levels of academic success, students are carefully and regularly monitored throughout the two years of study by their Heads of Year and their individual mentor.

Our Enrichment programme provides structured support in terms of university applications, career guidance and preparation for university life.

Significant emphasis is placed on developing independent, confident students with strong leadership and communication skills.

All students are expected to volunteer their services around school and are encouraged to become involved in a wide range of extra-curricular activities, including business club, MUN and sports teams.

The Sixth Form provides a variety of opportunities to support learning and social interaction.

Study skills sessions, university visits and guest speakers support our varied curriculum. Social functions and events are a feature of Sixth Form life and we value very highly the excellent relationships that exist between staff and students.

Ultimately, our goal is to ensure that each Sixth Form student leaves BISAk a happy, well-rounded, responsible, independent individual who has a clear sense of purpose and a love of learning.

We look forward to meeting you.

General Information about studying 'A' Levels

As senior students of the school, you will find that the Sixth-Form is different in a number of ways from earlier educational stages, mainly due to greater specialisation in subjects and recognition of your increasing maturity.

Naturally, the move from GCSE to the AS/A2 Programme carries with it an increase in the standard of work demanded from you and the need for you to undertake private reading and research. Therefore you study fewer subjects, but in greater depth. In Year 12 it is recommended that you select 4 x AS Levels and then focus on 3 x A2s when you progress to Year 13.

The Sixth Form is an important time in your life with a real focus on academic studies with a view to the future. It will involve a great deal of hard work and commitment, but the benefits in personal development and growth will be considerable.

Entry Requirements at BISAK

The entry requirement for our Sixth Form is a minimum of 5 grades of C or above at GCSE or equivalent IGCSE. It is expected that you will have attained a grade B or above in Mathematics and a B or above in English as a first language or an A in English as a Second Language, as these will be required for entry to most universities. Pupils will be accepted if they achieve a grade C in Mathematics but will not be allowed to take it at AS level.

Non- BISAK Applicants

If you are not from the British Curriculum and do not have G.C.S.E. or equivalent you will be required to submit your academic achievement results from the system you have been studying under. In the case of students studying the IB Middle Years Programme a minimum expectation would be the achievement of a level 5 from at least five academic areas. For students applying from the American Diploma system consideration will be made on your grade point average. In other cases the suitability for students to study Advanced level subjects will be discussed with the Head / Deputy Head of Secondary and Sixth Form Tutors.

Application Process

Applications for places for the academic year 2016 – 2017 can be made at any time prior to the end of term three in the academic year 2016. To secure a year 12 place a refundable deposit of SR3000 must be paid to BISAK accounts before Sunday 1st July 2016.

All applications for year 12 places must be made through BISAK's Registration office. Please use the attached "BISAK Sixth Form Option Choices 2016 - 2017" document. Please contact our Registrar, at registrar@bisak.org

Other Entry Information

Your school reports and references need to be submitted which are also taken into consideration when your application is being considered. Once GCSE, IB MYP and American Diploma results have been released, students can be allocated firm places on courses depending upon their achievement in specific subjects. At this point a change in subject choice may be necessary.

THE BRITISH INTERNATIONAL SCHOOL OF AL KHOBAR PHILOSOPHY AND OBJECTIVES

Mission Statement

The British International School of Al Khobar is an educational community that provides diverse and challenging learning experiences. BISAK follows the English and Welsh National curriculum and delivers IGCSE, GCSE and A-Level examinations at the end of KS4 and KS5. The school endeavours to motivate students to develop the belief that they can succeed. The school aims, through its international environment to inspire everyone to be positive global citizens by reflecting upon equality, community service and peace. All are welcomed and valued as unique individuals.

To support our Mission Statement the school's objectives are to:

- Provide individualised, academically challenging learning experiences in a safe and supportive school environment;
- Develop the skills to become independent, effective lifelong learners;
- Foster values of commitment, integrity and respect for self and others;
- Nurture an appreciation, respect and a sense of responsibility towards the natural world.

Which optional subjects to choose?

When considering which options to select, students and parents should be mindful of several points:

What career and post 18 Education are you most interested in.

How will the choices (including the subjects that will no longer be studied) impact upon further education and career plans?

Subjects should not be chosen on account of the teacher; he or she may not be available for the entire course.

Subjects should not be chosen on account of what one's friends have chosen; pupils must focus upon their own needs.

Pupils should discuss their preferred options with the appropriate teachers before making their final decision in order to get a fuller picture of what will be required and expected if good grades are to be achieved.

Pupils should try and choose subjects that they enjoy as these are the ones that are more likely to bring good results.

Students should also be aware that not all subjects make the same time demands and this is something that should be taken into account. Also, some subjects have a relatively even amount of time that needs to be devoted to homework throughout the course whilst others have periods of greater need such as when a deadline for a project needs to be met.

Transition from G.C.S.E. to AS/A level

There is no doubt that the step up from G.C.S.E. to AS/A level is a large one. I am sure that those studying in the Sixth Form will testify to this.

The Curriculum, Evaluation and Management (CEM) Centre at the University of Durham has conducted extensive research in this area and have, over many years, monitored students and their progress at A level. It is important that you are aware of the main findings, so that you have an idea of your potential. Should you wish to find out more about the CEM Centre the website is www.cem.dur.ac.uk and the project is called ALIS (A level information system).

Chances of success at A-Level

According to the CEM Centre, the best predictor of success at AS/A level is a pupils' average GCSE. points score (taking the average of all subjects). This is based on the following allocation of points to GCSE grades.

GRADE	A*	A	B	C	D	E	F	G
POINTS	8	7	6	5	4	3	2	1

Predictions

It is sometimes misleading to make generalisations, but, as a rough guide, the following shows the sort of grades a student with certain average GCSE point scores would expect to attain at AS/A level.

There are many factors which will affect the final grade achieved by a student in a particular subject, but it is useful to understand that a grade at GCSE does not necessarily translate to the same grade at AS/A level. Obviously, the final grade achieved may be higher or lower than the ones shown below as students make progress at different rates.

Average GCSE points score: A level grade prediction

5 D/E in each subject

6 C/D in each subject

7 B/C in each subject

8 A/B in each subject

University Entrance

Entrance to university in the UK has changed over the past few years. There are more universities now and there is a much wider range of courses available. There are at present more university places available than students seeking a place, but the demand for places at the top universities remain high. Having

Most universities will expect students to have a GCSE grade C or above in English, Mathematics and preferably in Science. The top universities will have far greater expectations of you and may expect much higher grades at GCSE

Many universities are encouraging students to diversify their subject choice and to choose subject combinations which in the past would not have been acceptable, e.g. a mixture of arts and science subjects. This also allows you to keep your options open.

Most universities in the UK will give you an offer based on your total points score from the UCAS system. But beware, if you apply for a particularly competitive degree course, admissions tutors can be very selective and may generally prefer specific subject combinations.

The AS level + the A2 level = a full A Level.

A new UCAS (University and Colleges Admissions Service) points tariff has been developed

(A =120, B =100, C =80, D =60, E =40)

AS level has half the A Level point score.

Edexcel examinations:

At BISA we use Edexcel and Cambridge to provide our Key Stage 4 GCSE courses and examinations. We continue to use Edexcel and CEM for A-Levels. In making this choice we have been mindful of their existing strong presence in the Kingdom as well the excellent range of resources already in place to support the learning and teaching. One of their particular strengths is the availability of a vast range of support materials on-line and their website at www.edexcel.com and www.cie.org.uk is an address with which students and parents should become highly familiar.

On the following pages there follows a brief overview of the courses that will be followed; each also shows an course number and it is highly recommended that parents and pupils familiarise themselves with the relevant web pages referred to above where much fuller details of each subject can be found.

The Class of 2016

A level Results

75% A-C

100% A-E

Asher Khan	Medicine	Bahrain
Yusuf Al Jawad	Electrical Engineering	Washington State
Gabby Munday	Psychology	Melbourne
Iman Ahmad	Architecture	Malaysia
Aqueda Ahmar	International Business	France
Jana Al Najr	Political Science and Business	Cairo
Dana Suleiman	Physical Therapy	Florida
Aziz Tayeb	Medicine	Budapest
Sana Siddiqui	Interior Design	Kuala Lumpur
Adelia Sapuandi	Electronic Engineering	Indonesia
Salsha Dyanda	Chemical Engineering	Sheffield
Ning Mahanukan	Information Technology	Bangkok

GCE Arabic (AS & A2)

Key features are :

- The Advanced Subsidiary level provides a logical progression from GCSE with a focus on language.
- The A2 level offers a realistic progression from Advanced Subsidiary that:
 - rewards advanced research/reading skills
 - acknowledges the importance of knowledge and understanding of Arabic culture
 - facilitates literary study.

This specification aims to engage students so that they enjoy Advanced level Arabic language learning and achieve their full potential.

AS , Unit 1: Understanding and Written Response in Arabic *Unit code 6AR01

This unit consists of **three** sections : Reading , Translation and Essay .

Students are required to convey their understanding of written Arabic through a series of reading tasks. They also need to draw upon and apply their knowledge of Arabic language, grammar and lexis to produce a short translation from Arabic into English, as well as demonstrate an ability

to manipulate Arabic language in continuous writing.

Students will be expected to recognise and use Arabic in a variety of contexts.

A2,Unit 2: Understanding, Written Response and Research in Arabic *Unit code 6AR02

This unit consists of **three** sections : Reading , Translation and Essay .

Students are required to demonstrate skills in advanced level Arabic reading and in the transfer of meaning from English into Arabic. To promote research and a greater knowledge and understanding of Arabic culture and/or society, students must produce two Arabic-language essays in response to questions related to their chosen topic(s) and/or text(s).

Students will be expected to recognise and use Arabic in a variety of contexts .

GCE ART / PHOTOGRAPHY

COURSES

1. FINE ART: DRAWING /PAINTING /PRINTING
2. TEXTILES: FASHION / INTERIOR DESIGN
3. PHOTOGRAPHY : DIGITAL (no GCSE requirement)
4. ART & DESIGN : MULTI MEDIA
5. CERAMICS: TRADITIONAL / SCULPTURAL

As a subject the courses we offer improve independent study skills and problem solving as well as an ability to show your individuality and creativity through research and informed opinion.

You do not need a GCSE in the Visual Arts to study at AS or A level but you do need a portfolio of work.

Photography requires no prior knowledge or evidence of work.

The AS is now a qualification all of its own. You can study any of the 5 courses listed above

You will achieve an AS qualification on completing the course in a single academic year and achieve a UCAS point score of 60. The AS can be done at any time. **There is no written study to this qualification.**

The A Level.

New from September 2016.

It is now possible to undertake the full A level without the need to have done the AS.

This can be done in 1 academic year.

There is a written study which is separately assessed minimum words 1000. This can be done in your first language or presented as a power point or video.

There will also be a requirement to produce a portfolio of artworks which should be decided upon between you and your teacher.

Or you can do the A Level over the two years if you are not as confident in your skill levels or you are more methodical in your working process.

At BISAK many pupils choose to do a qualification in the Visual Arts to compliment there main area of focus.

This is because Universities are looking for students who have greater breadth of experience in their education as has been shown by our students who have gone for interviews for Medicine.

BIOLOGY Edexcel International AS and A LEVEL

- Develop greater understanding of biological facts together with an appreciation of their significance in new and changing situations
- Develop greater expertise in the area of practical work and the link between theory and experimental work
- Continue to enjoy and further develop a personal interest in the study of living organisms
- The recognition of the responsible use of biology in society
- Develop further the awareness of developments in biology in the changing world into the new millennium
- How science works

If you have an interest in the study of living organisms, enjoy carrying out investigations in the laboratory or as fieldwork, are interested in the developments of “new” biology topics such as genetic engineering and its impact on society and want to use Biology to support other qualifications such as Chemistry, Physics, Maths and Geography, then Biology is the course for you.

An AS course consists of three assessment units:

Year 12

Unit 1: Lifestyle, Transport, Genes and Health (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 2: Development, Plants and the Environment (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 3: Practical Biology and Research Skills (60/300 UMS)

Written alternative, which is an externally assessed exam based on the practical work assigned by the exam board.

The full A-level qualification is made up of the AS units plus three more units which are studied at a higher level. You don't necessarily have to take the full A-level qualification; you can still get a certificate just for the AS, and your teacher will advise you on what is best. If you do decide to take the second half of the course it will cover the three units described below.

Year 13

Unit 4: The Natural Environment and Species Survival (120/300 UMS)

Assessment: This Unit is assessed by means of a written examination paper.

Chemistry Edexcel International AS and A LEVEL

An AS course consists of three assessment units:

Year 12

Unit 1: The Core Principles of Chemistry (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 2: Application of Core Principles of Chemistry (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 3: Chemistry Laboratory Skills I (60/300 UMS) Written alternative, which is an externally assessed exam based on the practical work assigned by the exam board

The full A-level qualification is made up of the AS units plus three more units which are studied at a higher level. You don't necessarily have to take the full A-level qualification; you can still get a certificate just for the AS, and your teacher will advise you on what is best. If you do decide to take the second half of the course it will cover the three units described below.

Year 13

Unit 4: General Principles of Chemistry I – Rates, Equilibria and Further Organic Chemistry (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 5: General Principles of Chemistry II – Transition Metals and Organic Nitrogen Chemistry (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 6: Chemistry Laboratory Skills II (60/300 UMS) Written alternative, which is an externally assessed exam based on the practical work assigned by the exam board

Chemistry leads on to a wide range of degree courses leading on to a career in Chemistry, Medicine, Pharmacy, Environmental Sciences, Dentistry, to name but a few. Chemistry is known as 'the central science' and the analytical skills and knowledge developed in studying it, are valued for admission to courses such as Accountancy, Law and many others.

ECONOMICS B AS and A LEVEL

Do you like current affairs? What about Brexit and Teresa May? Donald Trump building the wall and Buy American, hire Americans? Why are MacDonalds and COKE household brands? Should I buy an Apple or Samsung? Is Primark exploiting workers in Bangladesh? What is a minimum wage in the UK? What are trade barriers? Is the Dollar strong. Is Saudi Arabia in a recession and how will that affect the rest of the world. Oil prices to drop further? What is international Trade? How do I set up my own business?

If questions like these interest you then this might be the course for you. It also helps if you like to debate and very importantly you like to read!!!!

Studying Economics at As and A level should to enable students to:

- develop an interest in, and enthusiasm for, the subject
- appreciate the contribution of economics to the understanding of the wider economic and social environment
- develop an understanding of a range of concepts and an ability to use those concepts in a variety of different contexts
- use an enquiring, critical and thoughtful approach to the study of economics and develop an ability to think as an economist
- understand that economic behaviour can be studied from a range of perspectives
- develop analytical and quantitative skills, together with qualities and attitudes that will equip them for the challenges, opportunities and responsibilities of adult and working life.

There are four themes to the course with 2 taken in each year.

Year 12

Year 13

Theme 1: Markets, consumers and firms

Theme 3: The global economy

Theme 2: The wider economic environment

Theme 4: Making markets work

AS EXAM

Theme 1 and 2 are both examined separately

Paper 1

50%

Paper 2

50%

A level Exam

All four themes are examined in 3 papers:

Paper 1

Markets and how they work 35%

Paper 2

Competing in the Global Economy 35%

Looks at themes 1 and 4

Looks at themes 2 and 3

Paper 3

The economic environment and business 30%

Based on a pre-released document in November of previous year

Graduates may typically work in these areas:

- In management as a Director or Chief Executive
- For a global or Blue Chip company
- As a specialist functional manager in Marketing, Finance, Sales, Production
- In the financial or banking sector
- As a Business Analyst
- In Retail Management

International A Level in English Language

Overview:

At BISAK our students use English Language every day, but we haven't yet had the opportunity to explore the place of the language in the global or local communities. The International A Level in English Language allows our students to do this.

We explore how the language is being used across the world, investigating the factors that influence language use.

We consider the impact of progress: scientific, social and technological. However, we also examine how language is used in different contexts to convey a particular image, whether it be about more personal aspects like identity and community or more public aspects, for example politics and business.

Words are a powerful resource in the 21st century. Mastering them and understanding the impact of manipulating them is a very important skill to have.

Course:

Four units taken over the period of 2 years.

The AS units count towards the final A Level qualification.

All units are externally assessed by exam.

A large part of this course is the analysis of transcripts.

Two units involve writing assessments, assessing the ability to apply the analysis that has been completed.

Future Prospects:

A rounded choice of subjects makes students more desirable to universities.

The cognitive, interpersonal and intrapersonal skills developed on this course are all useful for university as well as in the workplace.

It opens up careers like teaching and journalism.

French Code AS (8FR01) A2 (9FR01)

Edexcel AS and A level Course Specifications

The course reinforces the students' language skills acquired in their previous GCSE courses, as well deepening and enlarging their knowledge of French culture and society.

Here is a glance on the topics and subject content covered in the course:

Changes in the French Society: family, education and jobs

Politics and Art in French speaking countries: music, medias, festivals and traditions

Immigration and French Multicultural Society: integration, multi-culture and the extreme right arisen

German occupation and French Resistance in the 2nd World War

*Themes 1 and 2 are for AS only.

Students can choose to sit AS or A-level, at the end of the first or the second year of the course

AS: The exam consists of 3 papers:

Paper 1: Listening, Reading and Translation (Timing: 75 minutes, 64 marks, 40% of the qualification)

Paper 2: Written response, grammar and translation (Timing: 100 minutes, 48 marks, 30% of the qualification)

Paper 3: Speaking (Internally conducted, externally assessed, Timing: between 27 and 30 minutes, incl a single period of 15 minutes formal preparation time, 48 marks, 30% of the qualification)

A Level Exam: The exam consists of 3 papers:

Paper 1: Listening, Reading and Translation (Timing: 110 minutes, 64 marks, 40% of the qualification)

Paper 2: Written response, grammar and translation (Timing: 160 minutes, 48 marks, 30% of the qualification)

Paper 3: Speaking (Internally conducted, externally assessed, Timing: 21 to 23 minutes, which includes 5 minutes' preparation time for Task 1, 48 marks, 30% of the qualification)

International Advanced Level Geography

Edexcel XGE01, YGE01

The International A Level in Geography gives opportunities to build extensive knowledge of the world covering a range of subjects. It helps explain much of what is going on in the world right now, from climate change and the Arab Spring to globalization and natural disasters. Geographers have embraced technology and media in their fieldwork, making the knowledge and practical skills of the modern geographer very relevant to a wide range of employers. Whether students want to carry on with a degree in Geography or are still not sure what future course they would like to do, Geography is what the leading universities in the UK call a 'facilitating subject' that gives students more choices at degree level.

The qualification builds on the GCSE, covering topics such as hazards, globalisation, coasts and urbanisation but adding depth and additional topics of climate change, development and population. At A2 level, students can explore meteorology and ecosystems before choosing a research topic, which could link to what students would like to study at university.

Geographers lend themselves to a wide range of jobs. Some may go into geography-related careers such as marine geography, geo-politics, environmental science, urban regeneration, geology, cartography, archaeology, surveying or conservation.

They may apply their skills to a range of other industries including law, management consultancy, business studies and politics.

The employment statistics for geography graduates are now better than for most other traditional academic subjects,

So if you want to go places at college and beyond, study geography!

AS/A Level History

As Theodore Roosevelt once said, “*The more you know about the past, the better prepared you are for the future.*” Most people who study History do not become professional historians; however employers often deliberately seek students with capabilities that studying history promotes, including developing research skills, finding and evaluating sources of information and identifying and evaluating diverse interpretations. These are skills highly suited to government professions, law, and many others.

Notable historians include seven former US Presidents, including FD Roosevelt and JF Kennedy, successful entrepreneurs, such as Sam Palmisano (former CEO of IBM) and a variety of cultural, media and sports stars.

Key Stage 5, AS and A Level History, covers a broad range of topics, including breadth, depth, thematic and international topics, set to engage and challenge students. Some of these will be familiar, and some will be completely new.

It is divided into four units of work, to emphasise the key skills to be developed. Examples of topics, which are ever relevant to our world today, include the *Russian Revolution*, the *US war of Independence* and *Superpower Relations*.

Year 12 students will sit two, 2 hour, exams at the end of the year for the AS qualification, Students continuing their studies into Year 13 will sit a further two, 2 hour, exams for the A Level qualification.



Information Technology

As/A2 Level (9626)

About the course?

In a world where information technology (IT) is constantly changing, individuals increasingly need technological and information literacy skills that include the ability to gather, process and manipulate data.

The impact of IT on society is enormous and as the percentage of businesses and households connected to communication networks such as the internet grows, so does the need for individuals who understand these new technologies.

This syllabus encourages learners to become effective and discerning users of IT. It helps them to develop a broad range of IT skills, knowledge and understanding.

Learners study the structure and use of IT systems within a wide range of organisations, including the use of a variety of computer networks. As a result, learners gain an understanding of IT system life cycles, and how these affect the workplace. They also learn about the wider impact of IT on society in general.

At A Level, learners also study simple programming for the web relevant to their own use of IT.

IAL Mathematics

Edexcel International AS Mathematics and International A level Mathematics

Entry requirements

GCSE grade B or above in Mathematics.

Course content

Core (C12 and C34)

When studying Pure Mathematics at AS and A level you will be extending your knowledge of such topics as algebra and trigonometry, as well as learning some brand new ideas such as calculus.

Statistics (S1 and S2)

If you choose to study Statistics you will learn how to analyse and summarise numerical data in order to arrive at conclusions about it. You will extend the range of probability problems that you started for GCSE by using the new mathematical techniques studied on the pure mathematics course.

Mechanics (M1 and M2)

If you choose to study Mechanics you will learn how to describe mathematically the motion of objects and how they respond to forces acting upon them, from cars in the street to satellites revolving around a planet. You will learn the technique of mathematical modelling; that is, of turning a complicated physical problem into a simpler one that can be analysed and solved using mathematical methods.

Decision (D1 and D2)

In Decision many different algorithms such as bubble sort, Prim's, first fit and more will be discussed to solve real life problems – have you ever wondered what the shortest route is for the postman to deliver letters or the best way to pack a ferry with vehicles?

Assessment

Core 12 and 34 papers are examined by a 2 hour 30 minute examination paper. Applied units are examined by a 1 hour 30 minute paper.

Careers

A level Mathematics is a much sought after qualification for entry to a wide variety of full-time courses in Higher Education. There are also many areas of employment that see a Mathematics A level as an important qualification and it is often a requirement for the vocational qualifications related to these areas. Higher Education courses or careers that either require A level Mathematics or are strongly related include economics, teaching, medicine, psychology, architecture, environmental Studies, engineering, computing and accountancy.

However, Mathematics also lends itself to more diverse careers and interests, such as forensic science, computer game design and sports coaching.

Cambridge International AS and A Level Media Studies

Cambridge International AS and A Level Media Studies is recognised by universities and employers as proof of knowledge and understanding of the media and its role in our daily lives. Successful candidates gain lifelong skills, including:

- **the ability to apply practical skills creatively**
- **research and evaluation skills**
- **information management and project management skills**
- **the ability to analyse text and media products critically**
- **the ability to reflect critically upon their own learning.**

Prior learning

No prior knowledge of the subject is required. We recommend that candidates who are beginning this course should have attained communication and literacy skills at Grade B in English Language.

Progression

Cambridge International AS and A Level Media Studies provides a suitable foundation for the study of media studies or related courses in higher education. Equally it is suitable for candidates intending to pursue

business careers or further study in business studies, or social sciences, or as part of a course of general education.

Pearson Edexcel Level 3 Advanced GCE in Music (9MU0)

The music GCE course we are offering covers a wide range of music styles, totaling six areas of study, each with three set works. Within these you can focus on your area of preference or in a range of styles.

It is not necessary to complete music GCSE beforehand. To choose this course you only need a musical background, and interest in music. It is also widely recommended that you attend instrumental or vocal tuition.

Taking part in a dynamic music department, throughout this course you will have plenty of musical experiences listening, composing, and performing in a diversity of occasions and settings.

Assessments include individual and group performances, compositions and a written paper.

Maybe this is the beginning of a musical career for you or just a wonderful way of developing useful skills.

There are several music related degrees this course can lead to, from Instrument Performance or Singing to Composition or Music History.

These are, nowadays, available in a wide range of music fields. Several other careers will also benefit from this course, like Sound Engineering, Music Business or Music Therapy. Nowadays, the benefits of studying music and playing instruments are widely accepted and recognised by major universities.

Physics Edexcel International AS and A LEVEL

AS Level Physics is suitable for students who have an interest in, and enjoy, Physics and its applications, want to find out how things in the physical world work, enjoy applying their mind to solving problems, enjoy carrying out investigations using imaginative, logical thinking and want to use Physics to support other qualifications or progress onto further studies or employment.

An AS course consists of three assessment units:

Year 12

Unit 1: Physics on the Go (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 2: Physics at Work (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 3: Physics Laboratory Skills I (60/300 UMS) Written alternative, which is an externally assessed exam based on the practical work assigned by the exam board

The full A-level qualification is made up of the AS units plus three more units which are studied at a higher level. You don't necessarily have to take the full A-level qualification; you can still get a certificate just for the AS, and your teacher will advise you on what is best. If you do decide to take the second half of the course it will cover the three units described below.

Year 13

Unit 4: Physics on the Move (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 5: Physics from Creation to Collapse (120/300 UMS)

This Unit is assessed by means of a written examination paper.

Unit 6: Physics Laboratory Skills II (60/300 UMS) Written alternative, which is an externally assessed exam based on the practical work assigned by the exam board

Physics leads on to a wide range of degree courses which prepare students for careers in many areas such as: Pure Physics, Engineering, Communications, Space Physics, Nuclear Physics, Cosmology, Astrophysics, Radiography, Biotechnology, Nuclear Medicine, Sports Medicine, Medicine, Environmental Sciences, Education, Dentistry. There are many more career opportunities for the physicist and the analytical skills and knowledge developed in studying Physics, The Fundamental Science, is valued for admission to many university courses such as Accountancy, Law, Architecture and countless others.

A Level Physical Education

Theory

70% of final grade split into 2 sections.

2hrs and 30mins written exam covering topics 1 and 2 (40%)

2hrs written exam covering topics 3, 4 and 5 (30%)

Topic 1: Applied anatomy and physiology

Anatomical and physiological body systems.

The effect of stress on these systems.

The effect of Newton's Three Laws of Motion on sporting technique.

Energy and how they relate to physical activity and sport.

Topic 2: Exercise physiology and applied movement analysis

Diet and nutrition pre-, during and post-physical activity.

Energy systems and how to train, maintain and improve their performance.

Understand how to prevent and rehabilitate from injury.

Movement analysis, including linear, angular, projectile and fluid mechanics.

Practical performance

15% of final grade

1 sport over 54 hours of performance time

Can be assessed as a player or a coach

Content

Students will be required to demonstrate their skills while under pressure and to:

perform a range of skills and techniques in physical activity

make decisions, implement strategies, tactics and/or compositional ideas, and

apply knowledge and understanding of theories, concepts, principles and methods

Coursework

15% of final grade

Analysis of performance and a personal development plan

Content

Analyse two components of a physical activity (one physiological component and **either** a tactical or technical component).

Implement and evaluate a Performance Development Programme

Topic 3: Skill acquisition

The nature and development of skills in sport.

Learning theories and how they relate to skill development.

Memory systems in the acquisition of skill.

Practices, feedback and guidance to practical performance situations.

Quantitative data, skill acquisition and evaluations.

Topic 4: Sport psychology

Sports psychology and optimal sporting performances

Different psychological views, theories and perspectives,

Topic 5: Sport and society

The relationship between sport and society.

The relationship between media and sport and the role of social media

A level Psychology

Psychology is the science of the mind and behaviour and so the course focuses research through scientific principles.

You will learn about traditional and contemporary approaches to Psychology including social and cognitive psychology before looking at themes in Psychology which includes criminal behaviour, stress and dementia.

Alongside these units you will learn the principles of Psychological research, conduct your own research and practice statistical techniques to analyze your findings.

A level Sociology

Sociology, essentially, is the study of society. We talk about how society works and who are the different groups that make up our society.

You will learn a number of skills including the use of evidence to support your arguments, how to investigate facts and critical thinking.

It is relevant to the society you live in, so you are bound to enjoy learning about topics that are relevant to everyday life; plus it opens the door to a fantastic range of interesting careers.

During the two year course students study:

- Families
- Education
- Theory and methods
- Crime and Deviance
- Religion

Spanish Code AS (8SP01) A2 (9SP01)

Edexcel AS and A level Course Specifications

The course reinforces the students' language skills acquired in their previous GCSE courses, as well deepening and enlarging their knowledge of French culture and society.

Here is a glance on the topics and subject content covered in the course:

Evolution in Spanish Society.

Political and artistic culture in Spanish speaking countries.

Immigration and multicultural society in Spain.

Franco dictatorship and the transition to democracy.

*Themes 1 and 2 are for AS only.

Students can choose to sit AS or A-level, at the end of the first or the second year of the course

AS: The exam consists of 3 papers:

Paper 1: Listening, Reading and Translation (Timing: 75 minutes, 64 marks, 40% of the qualification)

Paper 2: Written response, grammar and translation (Timing: 100 minutes, 48 marks, 30% of the qualification)

Paper 3: Speaking (Internally conducted, externally assessed, Timing: between 27 and 30 minutes, incl a single period of 15 minutes formal preparation time, 48 marks, 30% of the qualification)

A Level Exam: The exam consists of 3 papers:

Paper 1: Listening, Reading and Translation (Timing: 110 minutes, 64 marks, 40% of the qualification)

Paper 2: Written response, grammar and translation (Timing: 160 minutes, 48 marks, 30% of the qualification)

Paper 3: Speaking (Internally conducted, externally assessed, Timing: 21 to 23 minutes, which includes 5 minutes' preparation time for Task 1, 48 marks, 30% of the qualification)



BISAK SIXTH FORM

CHEMISTRY
SOCIOLOGY
MEDIA STUDIES
PSYCHOLOGY
ECONOMICS
ENGLISH
LANGUAGE
BIOLOGY

PHYSICS
HISTORY
GEOGRAPHY

ART
LITERATURE
MATHEMATICS
FRENCH
SPANISH
BUSINESS
CLUB

GOVERNMENT AND POLITICS
COMPUTING
PHOTOGRAPHY

