



$$ax^2 + bx + c = 0$$



KEY STAGE 5

A LEVEL & BTEC PROSPECTUS



جامعة القاهرة
مدرسة



KEY STAGE 5 AT GEMS FOUNDERS SCHOOL AL MIZHAR

01



Dear Parents and Students

A very warm welcome to you all from the staff and community of GEMS Founders School Al Mizhar. Over the last few years GFM has gone from strength to strength. We are a successful and popular choice for many parents and students, and are continuing to develop on our journey to become the best value for money school in the region. The last academic year was very successful for GFM, with continued improved academic success and inspections that identified many areas of outstanding practice. Our rapid growth over the last two years is testament to the trust our families have in the school and our strong reputation in the local community and beyond. We are very proud of what we offer for our students and we hope that this prospectus gives an insight into our school and the exciting future here for your child.

Our vision is to empower people to have the heart to celebrate uniqueness and the mind to be innovative, creative problem solvers, bringing a positive change to the world in which we live. We have high standards for all members of our GFM community and expect the very best from all. Our school culture is shaped by our belief in 'The GFM Way', a model of values and behaviours that everyone (staff, students and parents) live and breathe every day. We have a passionate and dedicated leadership team, as well as a team of inspirational and highly training teaching staff, to enable the very best provision to be available for students within an affordable fees structure.

The purpose of this booklet is to present our Key Stage 5 offer at GFM, as well as helping students and parents make informed choices about the next stages of education. We very much hope you will see that at GFM we are passionate about student academic outcomes, but also about preparing students for the next stages of their lives. We would be privileged and honoured for you to join us on your journey.



PRINCIPAL

Message



AKRAM TARIK
School Principal/CEO

Dear parents and students,

I am delighted to introduce you to our Sixth Form Prospectus for GEMS Founders School Al Mizhar.

Our core purpose is to 'Help our students to Grow, Flourish and be Mindful' and this underpins everything that we do in encouraging students to be the best that they can be. We have a clear set of values based on a culture of continuous and sustainable improvement. With our welcoming atmosphere, modern facilities, and excellent results, we believe that the Sixth Form at GFM is a truly special place where all students can grow and flourish.

Our primary focus is on providing a highly diverse curriculum, with the majority of courses of offer being A Levels. We also have a vocational pathway for students who would benefit from this style of learning and assessment.

Thank you for your interest and we welcome your application.



HEAD OF SECONDARY

Message

03



MIA CHORFI
Head of Secondary

We know that the most successful students are those who feel happy and supported, which allows them to develop an interest in and passion for their subjects. The GFM vision and values reflect the mission of the entire school, from FS all the way through to Sixth Form, which is to create tomorrow's successful and caring citizens today.


Our vision for you when you join our Sixth Form is that after two years with us, you will not only have the fantastic academic qualifications to access some of the best universities and careers in the world, but also possess the values, behaviors, and attitudes required to drive change in the world around you. How do we do this? By living the TheGFMWay. TheGFMWay shapes our culture and is defined by our vision, agreed shared values and behaviors. It is not just a commitment, but also our unwavering focus on developing a culture of personal growth and academic success for you, our students.

We are fully committed to providing our students with highly skilled and experienced teachers, a diverse curriculum, and a wider curricular program that offers access to enriching opportunities such as peer mentoring, volunteering in the primary school, Duke of Edinburgh expeditions, and much more. Thank you for your interest, and we wish you the best of luck with your application.



GEMS Founders School Al Mizhar teaches the UK curriculum and follows the National Curriculum for England. The education system in the UK has produced some of the world's greatest thinkers, scientists, mathematicians, writers and artists, both in the past and present. It will continue to do so into the future. The qualifications that can be achieved through this system are highly respected and are internationally recognized by universities and other higher education institutions. There are a range of options and pathways available to students. These centre around A Levels and BTECs.

WHAT ARE A LEVELS?



Advanced level qualifications (known as A Levels) are subject-based qualifications that demonstrate students have a more in depth knowledge and understanding of their subject area than that required at GCSE level. They are often described as the 'gold standard' of post-16 examinations. Successful completion of A Levels within Years 12 and 13 will open up a number of future life pathways – including university, other further education/study, training schemes and the world of work.

Here at GFM we offer a range of A Level options. This is to ensure a broad and balanced curriculum for all, but also to make sure that our Key Stage 5 students will have every opportunity to continue onto any future academic pathway of their choice in the future.

The International A Levels that we offer allow a modular approach to the assessment spread over the two-year course. Completing the compulsory modules in Year 12 sees the award of the International Advanced Subsidiary qualification (IAS). These modules will then be used to contribute to the full International A Level (IAL) in Year 13. It is strongly recommended that all A Level students complete the full IAL over the course of two years.

Note – A Levels completed through the UK system are highly respected globally. However, potential students are advised to ensure that the exit qualifications achieved will satisfy the higher education requirements for their desired destination. Advice on this can be sought from the school if you are unsure.



WHAT ARE BTECS?

BTECs are skill based career focused qualifications for those students who are suited to this pathway. Every year over a million students across fifty countries complete BTEC qualifications and they are increasingly being recognized internationally. There will also be vocational courses in L3 BTEC available in Applied Sciences, Sport, Business and Information Technology. Details of these BTEC courses, and the entry requirements, can be found within this prospectus.



WHAT DO WE OFFER AT GFM?

At GFM we offer a range of A Level options that will enable students to choose a variety of pathways following their completion. The full list of these courses are listed throughout this booklet.

All A Levels are two-year courses with formal exams sat at the end of Year 12 and 13. Students will be able to choose from a combination of subjects. Most students complete three A Level courses and it is also possible to study a combination of A Level and BTEC subjects.

Note - As is the case with all schools, the offering of these subjects is dependent on viable student numbers. The school will always do whatever it can to ensure that students receive their first choice courses - but this cannot be guaranteed.



COMPULSORY SUBJECTS

At GFM, all students will take the following compulsory subjects:

- Arabic MOE - for those students with an Arabic passport
- Islamic Studies - for Muslim students
- Moral, Social and Cultural education (known as MSC)

This is in line with other schools and is a requirement from the KHDA.

Students will also have timetabled sessions of Physical Education (PE). PE is incredibly important in supporting our students with their health, state of mind and effective study. Studies have proven that physical exercise, good health and mental wellbeing contribute to improved academic performance. This will be increasingly important in Key Stage 5 where academic demands on students will be even higher than they were lower down in the school.

ENRICHMENT

In addition to academic study, students will be provided with a range of enrichment activities and programmes to further prepare them for University applications and the world of work. This will include:

- A wide range of enrichment activities run through the school timetable, after school and online, such as; debating, being part of the student team that creates our student newsletter, Young Enterprise and even cooking!
- Skills, character and competencies training through form time and assemblies.
- The dedicated support of our Director of Aspirations to support, guide through university applications, and advise on future pathways.
- Links, talks and opportunities for visits to and from universities.
- Timetabled independent study sessions to enable private study and support for university applications.
- Additional opportunities to complete EPQs (Extended Project Qualifications) and the Duke of Edinburgh Award to support University entry.

LIFE AND FACILITIES IN KEY STAGE 5

Students in Key Stage 5 will be expected to work very hard and be challenged in their learning every day by our expert teachers. Students will also be expected to take responsibility for their study outside of the classroom.

Students joining our Year 12 will benefit from a range of different facilities. These include purpose built teaching spaces as well as our dedicated Key Stage 5 common room - including a Slices café serving hot and cold beverages and a variety of food, study spaces and rooftop terraces.



SIXTH FORM



ROOFTOP TERRACE

A MESSAGE FROM OUR HEAD BOY AND HEAD GIRL



YAZAN KHATIB

Student Class Y13A

Choosing your post-16 school destination can be quite daunting as it is a crucial stepping stone of our lives that we as individuals and parents ought to take extremely seriously. Here at GFM, the past few years have been carried out with the utmost excellence and made it the immediate choice to trust GFM to hone our personal and academic growth. With the excellent support we receive from our teachers and peers excellence is attained daily - all within a welcoming and nurturing environment that hones us as individuals to lead societies, and committees, and engage in service to others, these all contribute to the vibrant life in our wonderful school. We look forward to welcoming you to our school next year.



INSIYAH SAIGAR

Student Class Y13B

ENTRY REQUIREMENTS

Application to Key Stage 5 at GFM will be open to all students who qualify by success at GCSE level. Those who are admitted will have a record of examination success at GCSE and have demonstrated that they are capable of moving on to more advanced study. Students who have a record of poor attendance or attitude towards their studies are unlikely to benefit from an A Level course.

Entry is conditional on students meeting the following prerequisites:

- At least 5 IGCSE/GCSEs achieved at Grades 4 or above, including English and Mathematics.
- Students must attain a Grade 6 or higher in the subjects intended to study at A Level (Grade 7 for Maths and A-Level Sciences). In some subjects where there are more students wishing to take a course than places available, we may demand higher level GCSE entry qualification. The exact entry requirements for the different courses can be found on our 'Entry Requirement' page of this prospectus.
- Successful interview with members of our Key Stage 5 leadership team.
- External candidates from UK curriculum schools should provide reports from the last two academic years from their previous school.

All applications are reviewed and conditional offers are made subject to attainment at GCSE level. Students who do not meet the minimum requirements will be dealt with on an individual basis.

Students applying from curriculums other than the National Curriculum for England are welcome to apply and will be dealt with on a case-by-case basis.

As with all schools GFM reserves the right to not offer a place to any student who fails to meet the entry requirements above, as well as for any student with a low attendance record or a record that demonstrates a poor attitude to learning. This decision will be made by the school only.

Courses will only be run with viable student numbers and our course choice structure may be subject to change. We will always share full information about this.

REQUIREMENTS FOR BTEC COURSES

For entry onto Level 3 BTEC courses students will be expected to have achieved a minimum of five IGCSEs/GCSEs at grades 4-9 (including English and Mathematics). All applications for BTEC courses will be dealt with on a case-by-case basis.



GRADE REQUIREMENT SUMMARY FOR ENTRY ONTO A LEVEL AND BTEC COURSES

Course	Level	Minimum grade requirements
Chemistry	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 7 in GCSE Chemistry (Grade 8 in Combined Science). Completion of Mathematics GCSE to at least a grade 6 is also recommended.
Physics	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 7 in GCSE Physics (Grade 8 in Combined Science). Completion of Mathematics GCSE to at least a grade 6 is also recommended.
Biology	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 7 in GCSE Biology (Grade 8 in Combined Science).
Maths	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 7 in GCSE Mathematics.
Further Maths	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 9 in GCSE Mathematics.
English Literature	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in English Literature GCSE.
English Language	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in English Language GCSE.
French	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in GCSE French. This course is not recommended for students who have not studied French at GCSE.
Economics	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in Economics GCSE. If there has been no prior study of Economics then successful completion of Mathematics and Business GCSEs will be advantageous.
Art and Design	A Level	A least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in Art GCSE. This course is not recommended for students who have not studied Art at GCSE.
Business	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in Business GCSE. If there has been no prior study of Business then successful completion of Mathematics and Economics GCSEs will be advantageous.
Information Technology	A Level	A least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in IT or Computer Science GCSE. GCSEs in Science and Mathematics are also advantageous. Please note that this course cannot be combined with the A Level in Computer Science.
Computer Science	A Level	A least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in IT or Computer Science GCSE. GCSEs in Science and Mathematics are also advantageous. Please note that this course cannot be combined with the A Level in IT.
History	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in History GCSE.
Geography	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in Geography GCSE.
Psychology	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in Psychology GCSE.
Sociology	A Level	At least 5 IGCSEs/GCSEs at Grades 4 and above, and at least a Grade 6 in Sociology GCSE.
IBTEC PE	Level 3 IBTEC	For entry onto BTEC courses students will be expected to have achieved a minimum of five IGCSEs/GCSEs at grades 4-9 (including English and Mathematics).
IBTEC IT	Level 3 IBTEC	For entry onto BTEC courses students will be expected to have achieved a minimum of five IGCSEs/GCSEs at grades 4-9 (including English and Mathematics).
IBTEC in Business	Level 3 IBTEC	For entry onto BTEC courses students will be expected to have achieved a minimum of five IGCSEs/GCSEs at grades 4-9 (including English and Mathematics).
IBTEC in Applied Science	Level 3 IBTEC	For entry onto BTEC courses students will be expected to have achieved a minimum of five IGCSEs/GCSEs at grades 4-9 (including English and Mathematics).

ENGLISH LITERATURE

Course title: International Advanced Level English Literature/Advanced Subsidiary English Literature

Exam board: OxfordAQA - [Link to specification](#)

What is involved: Content of the course covers a range of advanced literature comprising of a Shakespeare play, a novel, a collection of poems and a dramatic tragedy. In addition, students will complete a Non-Exam Assessment (NEA). For the full IAL qualification students must complete all four units.

IAS	<p>Unit 1: Aspects of dramatic tragedy Involves the study of two drama texts Closed book written exam - 2 hours (50 marks) Questions: Section A - One passage-based question on Elizabethan and Jacobean tragedy. (25 marks) Section B - One essay question based on later dramatic tragedies. (25 marks) 50% of International AS/20% of International AL</p>	<p>Unit 2: Place in literary texts Involves the study of one prose text and one poetry text Open book written exam - 2 hours (50 marks) Questions: Section A - One essay question on prose set text (25 marks) Section B - One essay question on poetry set text (25 marks) 50% of International AS/20% of International AL</p>
IAL	<p>Unit 3: Elements of crime and mystery Involves the study of two texts of choice Closed book written exam - 2 hours (50 marks) Questions: Students answer two essay questions (25 marks each) 30% of International AL</p>	<p>Unit 4b: Literary representations Involves the study of two texts: one poetry text and one prose text. Students will produce two essays of 1,250-1,500 words, each responding to a different text. (50 marks) This is a non-exam assessment and is assessed by teachers and moderated by the exam board. 30% of International AL</p>

Prior study requirements:

There are no prior study requirements for this course, although it is expected that you have achieved the required grade at GCSE level as set out by our entry requirements.

Future pathways

The skills you develop through the study of English Literature (effective written and verbal communication, deep analysis of written text, time-management, organisational skills, team-work, independent study and research, developing persuasive arguments) are applicable to a wide variety of professional areas. Some areas which have traditionally attracted English Literature students include advertising, marketing and PR work, arts administration, library and information management, the legal profession, editing and publishing, journalism and other areas of the media. Teaching and academic careers are also popular choices for Literature students.



ENGLISH LANGUAGE

Course title: International Advanced Level English Language/Advanced Subsidiary English Language

Exam board: Oxford AQA [Link to specification](#)

What is involved: For the full International A Level qualification students complete four units. The content of the course covers a range of advanced language study and exploration, including units that cover international language usage, child language acquisition, the history of language and the use of language within groups. Additionally, students will complete a Non-Exam Assessment (NEA) of their choice.

IAS	Unit 1: Language and context Written exam - 2 hours (50 marks) Questions: Section A - Understanding texts - Students carry out one compulsory analysis of two texts linked by a common theme. (25 marks) Section B - Directed writing - Students carry out one writing task, from a choice of two questions. (25 marks) 50% of International AS/20% of International AL	Unit 2: Language and society Written exam - 2 hours (50 marks) Questions: Section A - Language and social groups: Texts - Students carry out one compulsory text analysis task (25 marks) Section B - Language and social groups: Writing - Students carry out one compulsory writing task (25 marks) 50% of International AS/20% of International AL
IAL	Unit 3: Language variation Written exam - 2 hours (50 marks) Questions: Section A - Learning language - Students answer one question from a choice of two (25 marks) Section B - International English - Students answer one question from a choice of two (25 marks) 30% of International AL	Unit 4b: Language exploration Students will carry out a language investigation of 2,500-3,000 words by collecting their own data and analysing it. (50 marks) This is a non-exam assessment and is assessed by teachers and moderated by the exam board. 30% of International AL

Prior study requirements:

There are no prior study requirements for this course, although it is expected that you have achieved the required grade at GCSE level as set out by our entry requirements.

Future pathways

The skills you develop through the study of A level English Language (effective written and verbal communication, time-management, organisational skills, team-work, independent study and research, developing persuasive arguments) are applicable to a wide variety of professional areas. All careers and future academic success require clear communication skills, and so an advanced level qualification in English Language can help open many future pathways.

MATHEMATICS

Course title: International Advanced Level Mathematics/Advanced Subsidiary Mathematics

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: For the full International A Level qualification students must complete 6 units. This includes four modules in Pure Mathematics (P1, P2, P3 and P4) plus modules in Mechanics and Statistics (M1, S1)

Each unit is externally assessed by a written examination of 1 hour and 30 minutes. Each of these unit exams is worth 75 marks.

Unit	IAS weighting	IAL weighting	Content overview
P1	33%	16%	Algebra and functions; coordinate geometry in the (x, y) ; trigonometry; differentiation; integration.
P2	33%	16%	Proof; algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; exponentials and logarithms; trigonometry; differentiation; integration.
P3	N/A	16%	Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods.
P4	N/A	16%	Proof; algebra and functions; coordinate geometry in the (x, y) plane; binomial expansion; differentiation; integration; vectors.
M1	33%	16%	Mathematical models in mechanics; vectors in mechanics; kinematics of a particle moving in a straight line; dynamics of a particle moving in a straight line or plane; statics of a particle; moments.
S1	33%	16%	Mathematical models in probability and statistics; representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; the Normal distribution

Prior study requirements:

There are no prior study requirements for this course, although it is expected that you have achieved a grade 7 at GCSE level as set out by our entry requirements.

Future pathways

Typical careers in this field include, but are not limited to, Engineer, Scientist, Statistician, Architect, Financial Consultant, Insurance Broker, Teacher, Programmer and Accountant, Aeronautics, Medicine, Engineering, Computer Science, Business, Analysts, Actuary

An A level Maths qualification can assist with accessing university courses and lends itself well to subjects such as Physics, Psychology, Economics, Computing and Business Studies. The skills that the subject develops include problem solving, logic and analysis. These are all life-long critical thinking skills which employers desire in today's society.



FURTHER MATHEMATICS

Course title: International Advanced Level Further Mathematics/Advanced Subsidiary Further Mathematics

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: For the full International A Level qualification students must complete six units. This includes two units in Further Pure Mathematics (FP1 and either FP2 or FP3) plus four modules in taken from Pure Mathematics, Mechanics, Statistics and Decision Maths (M1, M2, M3, S1, S2, S3 and D1). Some of the units involved will be the same as the A Level Mathematics and full details of the unit content can be found in the specification.

Unit	Content overview
FP1	Complex numbers; roots of quadratic equations; numerical solution of equations; coordinate systems; matrix algebra; transformations using matrices; series; proof.
FP2	Inequalities; series; further complex numbers; first order differential equations; second order differential equations; Maclaurin and Taylor series; Polar coordinates.
FP3	Hyperbolic functions; further coordinate systems; differentiation; integration; vectors; further matrix algebra

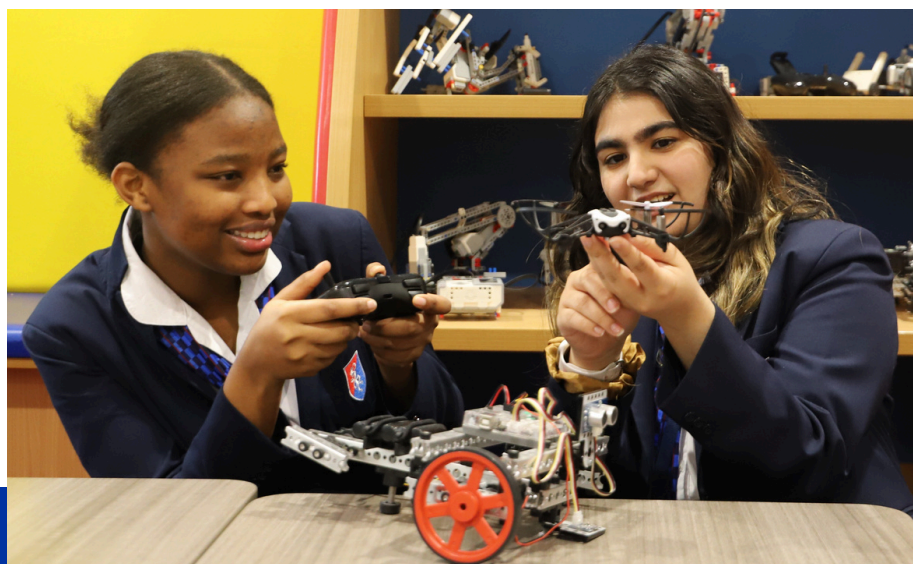
Prior study requirements:

It is expected that you have achieved a Grade 8 or 9 at GCSE level Mathematics to study this course.

Future pathways

Typical careers in this field include, but are not limited to, Engineer, Scientist, Statistician, Architect, Financial Consultant, Insurance Broker, Teacher, Programmer and Accountant, Aeronautics, Medicine, Engineering, Computer Science, Business, Analysts, Actuary

An A level Further Maths qualification can assist with accessing university courses and lends itself well to subjects such as Physics, Psychology, Economics, Computing and Business Studies. The skills that the subject develops include problem solving, logic and analysis. These are all life-long critical thinking skills which employers desire in today's society. A qualification in Further Maths demonstrates high level of mathematic skill and an ability to apply this widely



FRENCH

Course title: International Advanced Level French/Advanced Subsidiary French

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: The course is designed to inspire students, enabling them to use French Language independently and encouraging a deeper understanding of French language and culture. It caters for a range of student interests, with support for those who see languages as a skill to enhance career or travel prospects. For the full International A Level students complete four units.

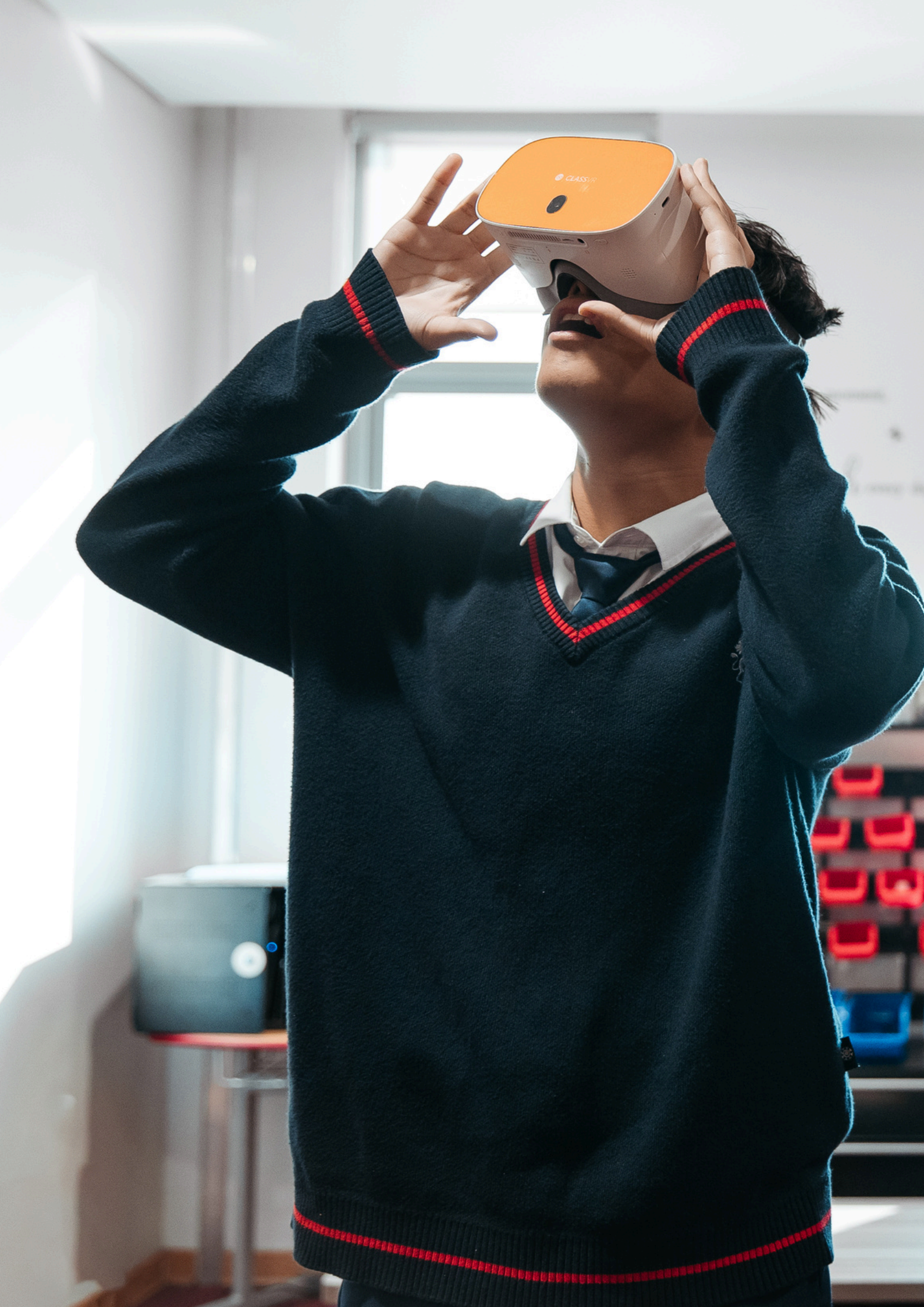
IAS	<p><u>Unit 1: Spoken expression and response</u> Externally assessed spoken examination: 8-10 minutes (40 marks) Content overview: Youth matters; Lifestyle, health and fitness; Environment and travel; Education and employment Section A - Spoken response Section B - Discussion</p> <p>30% of International AS/15% of International AL</p>	<p><u>Unit 2: Understanding and written response</u> Written exam - 2 hours 30 minutes (90 marks) Content overview: Youth matters; Lifestyle, health and fitness; Environment and travel; Education and employment Section A - Listening Section B - Recording and Grammar Section C - Writing</p> <p>70% of International AS/35% of International AL</p>
IAL	<p><u>Unit 3: Understanding and spoken response</u> Externally assessed spoken examination: 11-13 minutes (40 marks) Content overview: Debate on any issue chosen by the student followed by a discussion of two further issues selected by the teacher. Section A - Presentation and debate Section B - Discussion</p> <p>15% of International AL</p>	<p><u>Unit 4: Research, understanding and written response</u> Written exam - 2 hours 30 minutes (90 marks) Content overview: Youth matters; Lifestyle, health and fitness; Environment and travel; Education and employment; Technology; Society; Ethics. This will involve use of set topics, literary texts and films. Section A - Listening Section B - Recording and Grammar Section C - Writing</p> <p>35% of International AL</p>

Prior study requirement

GCSE French qualification to the standard as set out in the entry requirements. This course is not suitable for students without this qualification.

Future pathways

Employment opportunities and knowledge of one or more foreign languages can be useful in a wide range of careers. For some jobs, such as translating, interpreting and language teaching, language skills are one of the main requirements. For other jobs, a combination of languages and other qualifications, knowledge or skills may be needed. For example, people with languages plus IT, law, finance, or sales skills are much sought-after.



ECONOMICS

Course title: International Advanced Level Economics/Advanced Subsidiary Economics

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: The course is designed to support students in their advanced study of economics and its application in a range of areas, including markets in action, macroeconomic performance and policy, business behaviour and developments in the global economy. For the full International A Level students need to complete four units.

IAS	Unit 1: Markets in action Written examination: 1 hour and 45 minutes (80 marks) Section A: Six multiple-choice questions (6 marks). Section B: Five short-answer questions (20 marks). Section C: A five-part question, based on data provided in a source booklet (34 marks). Section D: One 20-mark essay question from a choice of two (20 marks). 50% of the total IAS. 25% of the total IAL.	Unit 2: Macroeconomic performance and policy Written examination - 1 hour 45 minutes (80 marks) Section A: Six multiple-choice questions (6 marks). Section B: Five short-answer questions (20 marks). Section C: A five-part question, based on data provided in a source booklet (34 marks). Section D: One 20-mark essay question from a choice of two (20 marks).
IAL	Unit 3: Business behaviour Written examination: 2 hours (80 marks) Section A: Six multiple-choice questions (6 marks). Section B: A five-part question, based on data provided in a source booklet (34 marks). Section C: Two 20-mark essay questions from a choice of three (40 marks). 50% of the total IA2. 25% of the total IAL.	Unit 4: Developments in the global economy Written examination: 2 hours (80 marks) Section A: Six multiple-choice questions (6 marks). Section B: A five-part question, based on data provided in a source booklet (34 marks). Section C: Two 20-mark essay questions from a choice of three (40 marks) 50% of the total IA2. 25% of the total IAL

Prior study requirement

There are no prior study requirements other than those set out in our entry requirements. Successful completion of Mathematics and Business GCSEs will also be advantageous.

Future pathways

An Economics degree develops a very useful contribution of attributes linked to mathematical ability and literacy. The course will promote the important skills of decision-making and problem solving. Career paths may include a professional economist, a banker, an entrepreneur, a financial journalist, and many more.



Course title: International Advanced Level Business/Advanced Subsidiary Business

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: The course is designed support students in their advanced study of business, including marketing and people, managing business activities, operations, business decisions and strategy, and global business. For the full International A Level students need to complete four units.

IAS	<p>Unit 1: Marketing and people Written examination: 2 hours (80 marks) Section A: Short- and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks). 50% of the total IAS. 25% of the total IAL.</p>	<p>Unit 2: Managing business activities Written examination: 2 hours (80 marks) Section A: Short- and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks). 50% of the total IAS. 25% of the total IAL.</p>
IAL	<p>Unit 3: Business decisions and strategy Written examination: 2 hours (80 marks) Section A: Short and extended-response questions, based on sources (40 marks). Section B: One 20-mark essay question, based on one or more sources (20 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks). 50% of the total IA2. 25% of the total IAL.</p>	<p>Unit 4: Global business Written examination: 2 hours (80 marks) Section A: Short and extended-response questions, based on sources (40 marks). Section B: One 20-mark essay question, based on one or more sources (20 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks). 50% of the total IA2. 25% of the total IAL.</p>

Prior study requirement

There are no prior study requirements other than those set out in our entry requirements. Successful completion of Mathematics and Economics GCSEs will also be advantageous.

Future pathways

Students with A Level Business Studies have access to a wide range of possible pathways and higher education opportunities. You learn and use a variety of transferable skills throughout the course. These include the important business skills of decision making and planning. You can start a career in business armed with an excellent knowledge of how businesses operate. You may choose a range of professional and business careers including management, financial service, retailing, marketing, and HR management. The course would also be of interest to those that have ambitions to start their own business at some stage in their life.

ART AND DESIGN – FINE ARTS

Course title: Edexcel A level Art and Design – Fine Arts (9FA0)

Exam board: Pearson Edexcel Link to [specification](#)

What is involved: The course is designed to support students in achieving an advanced level qualification in Art and Design with a focus on observation, communication, creative expression, critical reflection, and development of wider artistic skills. For the advanced A Level, students need to complete two units over two years. Students will complete two units of work over the 2-year course.

Unit	Weighting	Assessment	Content overview
1	60% of the qualification 90 marks	Internally assessed and externally moderated by the exam board	<p>Students investigate a theme, idea, concept or process that is personal to them.</p> <p>This component incorporates three major elements:</p> <ul style="list-style-type: none">• Supporting studies• practical work and• written analysis (minimum 1000 words of continuous prose) <p>Supporting studies may combine investigation and research for both the practical work and personal study, however, the personal study must be presented as a separate outcome.</p> <p>The purpose of the Personal Investigation is to develop a portfolio of practical work and a minimum 1000 words of continuous prose that shows critical understanding in relation to the practical portfolio.</p>
2	40% of the qualification 72 marks	15 hours controlled assessment	<p>The Externally Set Assignment comprises an externally set theme with suggested starting points.</p> <p>This component incorporates two major elements:</p> <ul style="list-style-type: none">• preparatory studies• a final outcome, produced during a supervised test of 15 hours' total duration. <p>The Externally Set Assignment consists of one broad-based thematic starting point to which students respond by developing a portfolio of practical work and final outcome(s).</p>

Prior study requirement

GCSE Art & design qualification to the standard as set out in the entry requirements. This course is not recommended for students who have not studied Art at GCSE.

Future pathways

There are many careers related to art, craft and design. Those that are directly art related will require further study at university. Studying art gives students the opportunity to learn how to think critically. Since most questions regarding a piece of art do not have a specific answer, students are encouraged to come up with their own solutions. The problem solving and research skills that students acquire over the A Level course will prove useful no matter what specialism they may eventually choose to follow.

A qualification in Art & Design A Level can be used in many career paths, some of which you may not have considered; Architect, art historian, publisher, writer/ critic, designer, illustrator, photographer, sculptor, teacher and many more besides.

INFORMATION TECHNOLOGY (IT)

Course title: Cambridge International Advanced Level Information Technology/Advanced Subsidiary Information Technology (9626)

Exam board: Cambridge <https://www.cambridgeinternational.org/Images/662482-2025-2027-syllabus.pdf>

What is involved: In a world where IT is constantly changing, individuals increasingly need technological and information literacy skills. The use of IT within businesses and households means that the need for individuals with IT qualifications continues to grow. This course focuses on key areas of IT development and the application of skills. The two assessment objectives focus on knowledge and understanding, and problem-solving skills.

IAS	Paper 1 Written theory exam - 1 hour 45 minutes (70 marks) This written paper covers sections 1-11 of the syllabus content. All questions are compulsory. 50% of IAS 25% of IAL	Paper 2 Practical exam - 2 hours 30 minutes (90 marks) This practical exam covers sections 8-11 of the syllabus content; however students will also need to use their previous knowledge from sections 1-7. All tasks are compulsory. Candidates must use the most appropriate software and most appropriate methods. 50% of IAS 25% of IAL
IAL	Paper 3 Written theory exam - 1 hour 45 minutes (70 marks) This written exam covers sections 12-20 of the syllabus content, however students will also need to use knowledge from sections 1-11. All tasks are compulsory. 25% of IAL	Paper 4 Practical exam - 2 hours 30 minutes (90 marks) This practical exam covers sections 17-20 of the syllabus content. The paper includes tasks from sections 8-10 within a problem-solving context. Students will need to apply their knowledge and understanding of all subject content. All tasks are compulsory. Candidates must use the most appropriate software and most appropriate methods. 25% of the IAL

Prior study requirement

There are no prior study requirements for this course, however, it is recommended that students have completed a GCSE in either IT or Computer Science. GCSEs in Science and Maths are also advantageous. Please note that this course cannot be combined with the International A Level in Computer Science.

Future pathways

A level IT will give you access to a wide range of career pathways. Roles directly relevant to your course include: IT support, IT networking, data analytics, cybersecurity, software and web development.



COMPUTER SCIENCE

Course title: Cambridge International Advanced Level Computer Science/Advanced Subsidiary Computer Science (9618)

Exam board: Cambridge [Link to specification](#)

What is involved: The aim of the syllabus is to encourage learners to develop an understanding of the fundamental principles of computer science and how computer programs work in a range of contexts.

IAS	<u>Paper 1 - Theory fundamentals</u> Written theory exam - 1 hour 30 minutes (75 marks) This written paper covers sections 1-8 of the syllabus content. All questions are compulsory. 50% of IAS 25% of IAL	<u>Paper 2 - Fundamental problem-solving and programming skills</u> Written exam - 2 hours (75 marks) This exam covers sections 9-12 of the syllabus content. All tasks are compulsory. 50% of IAS 25% of IAL
IAL	<u>Paper 3 - Advanced theory</u> Written theory exam - 1 hour 30 minutes (75 marks) This written exam covers sections 13-20 of the syllabus content. All tasks are compulsory. 25% of IAL	<u>Paper 4 - Practical</u> Practical exam - 2 hours 30 minutes (75 marks) This practical exam covers sections 19-20 of the syllabus content, except for low-level and declarative programming. All tasks are compulsory. 25% of the IAL

Prior study requirement

Students beginning this course should have previously completed a qualification in Computer Science at GCSE level. They must meet the criteria as set out in our entry requirements. GCSEs in Science and Maths are also advantageous. Please note that this course cannot be combined with the International A Level in IT.

Future pathways

A level Computer Science, will give you access to a wide range of career pathways. Roles directly relevant to your course include: data analyst, cyber security analyst, game designer, IT consultant, and software engineer, software development, and many other specialized areas like database architect or performance engineer.

CHEMISTRY

Course title: International Advanced Level Chemistry/Advanced Subsidiary Chemistry

Exam board: OxfordAQA [Link to specification](#)

What is involved: This course is designed to provide students with an in-depth understanding of physical, inorganic and organic chemistry, and allow students to apply their knowledge within practical work. There are five units that must be completed for the full International A Level qualification.

IAS	<u>Unit 1 - Inorganic 1 and Physical 1</u> Written exam - 1 hour 30 minutes (70 marks) Content covers material from: 3.1.1-3.1.5 Physical chemistry and 3.2.1-3.2.3 Inorganic chemistry. 50% of IAS 25% of IAL	<u>Unit 2 - Organic 1 and Physical 1</u> Written exam - 1 hour 30 minutes (70 marks) Content covers material from: 3.1.6-3.1.7 Physical chemistry and 3.3.1-3.3.6 Organic chemistry. Understanding of concepts from Unit 1 will be required to answer questions in Unit 2. 50% of IAS 25% of IAL	
IAL	<u>Unit 3 - Inorganic 2 and Physical 2</u> Written exam - 1 hour 30 minutes (80 marks) Content covers material from: 3.1.8-3.1.10 Physical chemistry and 3.2.4-3.2.6 Inorganic chemistry. Knowledge of chemistry from Units 1 and 2 is assumed. 21% of IAL	<u>Unit 4 - Organic 2 and Physical 2</u> Written exam - 1 hour 30 minutes (80 marks) Content covers material from: 3.1.11-3.1.12 Physical chemistry and 3.3.7-3.3.16 Organic chemistry. Knowledge of chemistry from Units 1 and 2 is assumed. 21% of IAL	<u>Unit 5 - Practical and synoptic</u> Practical exam - 1 hour 25 minutes (60 marks) A practical assessment based on knowledge from all Units (30 marks), followed by multiple choice questions (30 marks) All tasks are compulsory. 18% of the IAL

Prior study requirement

Students beginning this course should have previously completed a qualification in Chemistry at GCSE achieving at least grade 7. Completion of Mathematics GCSE at grade 6 or above is recommended. They must meet the criteria as set out in our entry requirements.

Future pathways

Chemistry is a central area in science and, as such, it overlaps with many other areas. This results in Chemistry being an essential or preferred requirement for admission to university to study a range of subjects. Some degree courses for which Chemistry is either compulsory or advantageous. An A level in chemistry can open many doors to a range of career path such as agriculture, biochemistry, chemical engineering, dentistry, geology, pharmacy, medicine and polymer technology, materials science, physiotherapy, chemical research or veterinary medicine.

PHYSICS

Course title: International Advanced Level Physics/Advanced Subsidiary Physics

Exam board: OxfordAQA [Link to specification](#)

What is involved: This course is designed to provide students with an in depth understanding of physics, and aims to ensure that students are prepared for further university study in physics or engineering. This specification covers all topics that universities expect students to have a grounding in, with the inclusion of practical skills in the main exam papers. Completion of all five units is required for the full International A Level qualification.

IAS	<p>Unit 1 - Mechanics, materials and atoms Written exam - 2 hours (80 marks) Content: 3.1 Measurements and their errors; 3.2 Mechanics and materials; 3.3 Particles, radiation and radioactivity</p> <p>50% of IAS 25% of IAL</p>	<p>Unit 2 - Electricity, waves and particles Written exam - 2 hours (80 marks) Content: 3.4 Electricity; 3.5 Oscillations and waves. Questions may draw on the physics principles from</p> <p>50% of IAS 25% of IAL</p>	
IAL	<p>Unit 3 - Fields and their consequences Written exam - 2 hours (80 marks) Content: 3.6 Circular and periodic motion; 3.7 Gravitational fields and satellites; 3.8 Electric fields and capacitance 3.9 Exponential change; 3.10 Magnetic fields</p> <p>Questions may draw on the physics principles from Unit 1 and 2</p> <p>20% of IAL</p>	<p>Unit 4 - Energy and energy resources Written exam - 2 hours (80 marks) Content: 3.11 Thermal physics; 3.12 Nuclear energy; 3.13 Energy sources</p> <p>Questions may draw on the physics principles from Units 1-3</p> <p>20% of IAL</p>	<p>Unit 5 - Physics in practice Written exam - 2 hours (80 marks) Content: 3.14 Practical and analytical skills; Any content from topics 3.1-3.13</p> <p>20% of the IAL</p>

Prior study requirement

Students beginning this course should have previously completed a qualification in Physics at GCSE level achieving at least a grade 7. Completion of Mathematics GCSE at grade 6 or above is recommended. They must meet the criteria as set out in our entry requirements.

Future pathways

As a pathway A level Physics covers many specialized fields – from acoustics, astronomy and astrophysics to medical physics and geophysics. After the completion of a full A Level qualification, candidates can then continue their university education for majoring into various fields in science and technology like engineer biophysicist, nuclear scientist, space scientist and many more.



BIOLOGY

Course title: International Advanced Level Biology/Advanced Subsidiary Biology

Exam board: OxfordAQA [Link to specification](#)

What is involved: This qualification is designed to harness students' interest in the world of living things. Through a mixture of knowledge, understanding and the application of practical science it will leave students well prepared for future study in this field and more.

IAS	<p><u>Unit 1 - The diversity of living organisms</u> Written exam - 1 hour 30 minutes (75 marks) Content: Any content listed within Unit 1. There are three required practical activities within this unit. 50% of IAS 25% of IAL</p>	<p><u>Unit 2 - Biological systems and disease</u> Written exam - 1 hour 30 minutes (75 marks) Content: Any content listed within Unit 2 Questions may draw on the biological principles specified in Unit 1 There are three required practical activities within this unit. 50% of IAS 25% of IAL</p>	
IAL	<p><u>Unit 3 - Populations and genes</u> Written exam - 1 hour 30 minutes (75 marks) Content: Any content listed within Unit 3. There are three required practical activities within this unit. Questions may draw on the biological principles specified in Units 1 and 2 20% of IAL</p>	<p><u>Unit 4 - Control</u> Written exam - 1 hour 30 minutes (75 marks) Content: Any content listed within Unit 4. There are three required practical activities within this unit. Questions may draw on the biological principles specified in Units 1-3. 20% of IAL</p>	<p><u>Unit 5 - Synoptic paper</u> Written exam - 1 hour 30 minutes (75 marks) Content: This Unit will draw on topics covered from Units 1-4. 20% of IAL</p>

Prior study requirement

Students beginning this course should have previously completed a qualification in Biology at GCSE level achieving at least a grade 7. They must meet the criteria as set out in our entry requirements.

Future pathways

Many students use their Biology A Level to go on to higher education to study Science related courses. Studying Biology teaches us to ask questions, make observations, evaluate evidence and solve problems. Biologists learn how they interact with one another and how they evolve. This could lead to a career in medicine, biochemistry, genetic engineering, nutritionist, ecologist, marine biologist, microbiologist, and many more.

HISTORY

Course title: International Advanced Level History/Advanced Subsidiary History

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: Pearson Edexcel International A Level in History is a flexible and wide ranging syllabus covering modern history from the nineteenth to twenty first centuries. The syllabus builds on previous skills taught at GCSE and develops lifelong skills – including understanding issues and themes in context, the handling of historical material and the nature of historical interpretation.

IAS	<p><u>Paper 1 - Depth Study with Interpretations</u> Written exam - 2 hours (50 marks) Students will study one of the following options: France in Revolution, 1774 - 99 Russia in Revolution, 1881 - 1917 Germany, 1918 - 45 Britain, 1964 - 90 Questions in this exam will focus on the ability to study a period in depth and the ability to analyse and evaluate historical interpretations 50% of IAS 25% of IAL</p>	<p><u>Paper 2 - Breadth Study with Source Evaluation</u> Written exam - 2 hours (50 marks) Students will study one of the following options: India, 1857 - 1948: The Raj to Partition China, 1900 - 76 Russia, 1917 - 91: From Lenin to Yeltsin South Africa, 1948 - 2014 Questions in this exam will focus on the ability to study a period in breadth ability to analyse historical sources 50% of IAS 25% of IAL</p>
IAL	<p><u>Paper 3 - Thematic Study with Source Evaluation</u> Written exam - 2 hours (50 marks) Students will study one of the following options: The USA, Independence to Civil War, 1763 - 1865 The British Experience of Warfare, 1803 - 1945 Germany: United, Divided and Reunited, 1870 - 1990 Civil Rights and Race Relations in the USA, 1865 - 2009 Questions on this exam will focus on the ability to study a period in breadth and ability to analyse historical sources 50% of IA2 25% of IAL</p>	<p><u>Paper 4 - International Study with Historical Interpretations</u> Written exam - 2 hours (50 marks) Students will study one of the following options: The Making of Modern Europe 1805 - 71 The World in Crisis 1879 - 1945 The World Divided: Superpower Relations, 1943 - 90 The Cold War and Hot War in Asia, 1945 - 90 Questions in this exam will focus on the ability to study a period in depth and the ability to analyse and evaluate historical interpretations 50% of IA2 25% of IAL</p>

Prior study requirement

There are no prior study requirements other than those specified within our entry requirements. This course is not recommended for students who have not studied History at GCSE.

Future pathways

Studying History gives you so much more than just understanding of the past: that's just the fascinating content that we use to develop the skills that are valued by universities and employers. The skills you will obtain through studying History will be useful in a number of careers and higher education options, either directly related to History (e.g. working in museums, galleries, heritage sites, archives and teaching), or in areas such as journalism, performance, law, government and business management.

GEOGRAPHY

Course title: International Advanced Level Geography/Advanced Subsidiary Geography

Exam board: OxfordAQA [Link to specification](#)

What is involved: This qualification is designed to cover a range of physical, human and environmental aspects of advanced level study of Geography. It builds on geographical skills taught at GCSE and encourages students to think in an analytical way and take account of a wide range of points of view.

IAS	<p><u>Unit 1 - Physical geography</u> Written exam - 1 hour 30 minutes (80 marks) Content: Unit 1a Living with hazards and Hot desert systems and landscapes Or Unit 1b Living with hazards and Coastal systems and landscapes 50% of IAS 20% of IAL</p>	<p><u>Unit 2 - Human geography 1</u> Written exam - 1 hour 30 minutes (80 marks) Content: Global systems and governance; Resource security 50% of IAS 20% of IAL</p>	
IAL	<p><u>Unit 3 - Physical geography 2</u> Written exam - 1 hour 30 minutes (80 marks) Content: Water, carbon and life on Earth; Ecosystems under stress 20% of IAL</p>	<p><u>Unit 4 - Human geography 2</u> Written exam - 1 hour 30 minutes (80 marks) Content: Changing places; People and contemporary urban environments 20% of IAL</p>	<p><u>Unit 5 - Fieldwork and geographical skills</u> Written exam - 1 hour 30 minutes (80 marks) Content: A fieldwork and skills based paper that draws on a range of different units. 20% of IAL</p>

Prior study requirement

There are no prior study requirements other than those set out in our entry requirements. This course is not recommended for students who have not studied Geography at GCSE.

Future pathways

Geography is an excellent subject for encouraging research skills in a social studies context and for the development of written, graphical and mathematical skills. As such, it is highly regarded by universities and employers alike. It provides you with a wealth of transferable skills that enables you to flourish in a wide range of professions.

PSYCHOLOGY

Course title: International Advanced Level Psychology/Advanced Subsidiary Geography

Exam board: OxfordAQA [Link to specification](#)

What is involved: Students will have the opportunity to explore interesting psychology topics, considering both psychological theory and practical application. During their course they will develop skills valued and expected by universities and employers, including critical analysis, independent thinking and scientific research.

IAS	<u>Unit 1 - Introductory topics in psychology</u> Written exam - 1 hour 30 minutes (90 marks) Content: Section A: Memory Section B: Social psychology Section: Psychopathology 50% of IAS 20% of IAL	<u>Unit 1 - Biopsychology, development and research methods 1</u> Written exam - 1 hour 30 minutes (90 marks) Content: Section A: Biopsychology Section B: Cognitive development Section: Research methods 50% of IAS 20% of IAL
IAL	<u>Unit 3 - Advanced topics and research methods 2</u> Written exam - 1 hour 30 minutes (90 marks) Content: Section A: Psychology of sleep Section B: Schizophrenia Section C: Research methods 30% of IAL	<u>Unit 4 - Approaches and application</u> Written exam - 1 hour 30 minutes (90 marks) This is a synoptic unit focusing on the content below: Section A: Approaches in psychology Section B: Issues and debates in psychology Section: Applied psychology: work and the individual 30% of IAL

Prior study requirement

There are no prior study requirements other than those set out in our entry requirements. This course is not recommended for students who have not studied Psychology at GCSE.

Future pathways

Psychology is an excellent general complement to other sciences at A Level; it is an opportunity to include a "human" science for those of a more English / Humanities nature who don't feel completely comfortable with conventional sciences but wish to show CV range; it is a rapidly expanding subject with strong career potential – the science of the 21st Century. Students can choose to specialise in an array of psychological 25 fields including clinical, health, forensic, neuro, sport and exercise, occupational, counselling, and educational as well as research and academia. The field and study of Psychology also lends to other, less obvious career opportunities; for example, Psychology graduates have gone on to design cockpits for NASA and computer software interfaces.

SOCIOLOGY

Course title: A Level Sociology

Exam board: AQA [Link to specification](#)

What is involved: In a rapidly changing world an A Level in Sociology offers learners the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies. The study of sociology stimulates awareness of contemporary social, cultural and political issues, and examines them in a rigorous, reasoned and analytical way. All three exams to be sat at the end of the two year course

A level	<u>Unit 1 - Education with Theory and Methods</u> Written exam - 2 hours (80 marks) - worth 33% Content: Education: short answer and extended writing, 50 marks Methods in Context: extended writing, 20 marks Theory and Methods: extended writing, 10 marks	<u>Unit 2 - The family</u> Written exam - 2 hour exam (80 marks) - worth 33% Content: Section A: extended writing, 40 marks- Work, poverty and welfare Section B: extended writing, 40 marks- The media
A level	<u>Unit 3 - Crime and Deviance with Theory and Methods</u> Written exam - 2 hour (80 marks) - worth 33% Content: Crime and Deviance: short answer and extended writing, 50 marks Theory and Methods: extended writing, 30 marks	

Prior study requirement

There are no prior study requirements other than those set out in our entry requirements. For this course it is recommended that students have studied the subject at GCSE, but this is not essential.

Future pathways

A Level Sociology gives you a strong foundation for further study of a range of academic subjects at degree level. It is a good foundation subject as the knowledge you learn can be applied to all aspects of society and it provides a variety of academic skills especially thinking critically about the world. Sociology can lead to a job in a variety of careers such as teaching, social work and social policy making, law, journalism and the civil service.

INTERNATIONAL BTEC IN PE

Exam board: Pearson Edexcel [Link to specification](#)

What is involved: The Level 3 International BTEC in Sport is a qualification designed to support learners who are interested in learning about the sports industry alongside other fields of study, and can support progression to higher education courses. This course can be taken alongside other International BTECs or A Levels, and awards a Level 3 subsidiary diploma in sport.

To complete this qualification students will complete at least five units from the list below, including the mandatory content based on Health, Wellbeing and Sport. All assessment is internal, uses a range of different forms of evidence, and completed within the centre.

Mandatory content	Health, Wellbeing and Sport		
Selected optional units (must complete at least four) This list is not exhaustive and other units are available	Careers in the Sport and Active Leisure Industry	Ethics, Behaviours and Values	Self-employment in Sport and Physical Activity
	Business in Sport	Sports Tourism	Nutrition for Physical Performance
	Liverpool Football Club as a Business	Talent Identification and Development in Sports	Applied Sports Anatomy and Physiology
	Sports Performance Analysis	Sports Psychology	Functional Sports Massage

Prior study requirement

There are no prior study requirements for this course.

Future pathways

Successful completion of this course can lead to a range of careers related to sport such as sports coaching, personal training, nutritionist, or sports leadership programmes. It can also be combined with other courses to support further academic study in related fields.

INTERNATIONAL BTEC IN INFORMATION TECHNOLOGY

Exam board: Edexcel [Link to specification](#)

What is involved: The Level 3 International BTEC in Information Technology is a qualification designed for learners who are interested in an introduction to the study of creating information technology systems to manage and share information. This links to many other areas of study and can lead to further vocational or more academic qualifications. This course can be taken alongside other International BTECs or A Levels, and awards a Level 3 subsidiary diploma in Information Technology.

Mandatory content	Information Technology Systems - Strategy, Management and Infrastructure Website Development		
Selected optional units This list is not exhaustive and other units are available	Using Social Media in Business	Creating System to Manage Information	Mobile Apps Development
	IT Project Management	Computer Games Development	Big Data and Business Analytics
	IT Technical Support and Management	Cloud Storage and Collaboration Tools	Digital 2D and 3D Graphics
	Digital Animation and Effects	Enterprise in IT	Business Process Modelling Tools

Prior study requirement

There are no prior study requirements, although GCSE qualifications in Maths and Science are recommended.

Future pathways

Successful completion of this course can lead to a range of careers related to the use and management of IT such as IT support, IT networking, data analytics, cybersecurity, software and web development. It can also be combined with other courses to support further academic study in related fields.



INTERNATIONAL BTEC IN BUSINESS

Exam board: Edexcel <https://qualifications.pearson.com/content/dam/pdf/btec-international-level-3/business/specification-and-sample-assessments/btecint-bus-spec.pdf>

What is involved: The Level 3 International BTEC in Business is a qualification designed for learners who are interested in achieving a qualification in Business with a focus on the practical application of the subject. This links to many other areas of study and can lead to further vocational or more academic qualifications.

To complete the qualification students will complete four units (two are mandatory with the other two selected from a range of options). This course can be taken alongside other International BTECs or A Levels, and awards a Level 3 subsidiary diploma in Business.

Mandatory content	Information Technology Systems - Strategy, Management and Infrastructure Website Development		
Selected optional units This list is not exhaustive and other units are available	Using Social Media in Business	Creating System to Manage Information	Mobile Apps Development
	IT Project Management	Computer Games Development	Big Data and Business Analytics
	IT Technical Support and Management	Cloud Storage and Collaboration Tools	Digital 2D and 3D Graphics
	Digital Animation and Effects	Enterprise in IT	Business Process Modelling Tools

Prior study requirement

There are no prior study requirements, although GCSE qualifications in Maths and Science are recommended.

Future pathways

Successful completion of this course can lead to a range of careers related to the use and management of IT such IT support, IT networking, data analytics, cybersecurity, software and web development. It can also be combined with other courses to support further academic study in related fields.

INTERNATIONAL BTEC IN APPLIED SCIENCE

Exam board: Edexcel [Link to specification](#)

What is involved: The Level 3 International BTEC in Applied Science has been designed for learners who wish to pursue a career in science-based industries. If successful it can lead to further science-based industries via higher education. This course can be taken alongside other International BTECs or A Levels, and awards a Level 3 subsidiary diploma in Applied Science.

Students will complete six units in total.

Mandatory content	Principles and application of biology Principles and application of chemistry Principles and application of physics		
Selected optional units This list is not exhaustive and other units are available	Materials science	Biomedical science	Climate change
	Genetics and genetic engineering	Electrical circuits and their applications	Astronomy and space science
	Pollution and waste management	Animal conservation	Sustainable energy
	Diseases and infections	Medical physics applications	Ecosystems

Prior study requirement

There are no prior study requirements, although GCSE qualifications in either Combined Science or the separate sciences are recommended.

Future pathways

Successful completion of this course can lead to a range of careers related to the use and application of science. This can be in a wide range of fields, The qualification can be used to support entry in relevant further education courses. It can also be combined with other courses to support further academic study in related fields.



KEY STAGE 5

A LEVEL & BTEC PROSPECTUS

CONTACT US:



04-210 3555



Registrar_gfm@gemsedu.com