

POST 16

A LEVEL OPTIONS



HORIZON INTERNATIONAL SCHOOL



TABLE OF CONTENTS

Welcome	02
Culture and Ethos	03
Location and Facilities	04
Entry Requirements	05
Curriculum	07
Requirements for The System of Equivalency of Private Schools Certificates	09
Subject Guidance	11
Dress Code	25
Application Process	26

WELCOME

We are delighted that you are considering undertaking your Post 16 journey with us at Horizon International School (HIS). When considering where is best for you to study there is a lot to consider – the pages of this prospectus will help you decide whether our values, ethos and offer at Post 16 align with your own needs as a student. If you are not part of our school community already, we would also encourage you to come in and meet the team to see what we offer and to have your questions answered.



CULTURE AND ETHOS

At HIS we believe that the culture and ethos of our Post 16 sets us apart from other schools

Judged as outstanding in our British Schools Overseas (BSO) inspection in November 2023, Post 16 at HIS is a thriving, challenging and supportive learning environment. As a small but growing Post 16 we take pride in knowing our students – this enables us to guide and support them in a personalised way whilst allowing them to take responsibility for their learning and personal growth and development.

We focus on the development of agency, accountability and adaptability and deliver workshops to Post 16 students to facilitate their development. Our Post 16 Timeline demonstrates how integral these concepts are to Post 16 life.

Our Post 16 offers you independence tempered by support and encouragement to allow you to meet the very high expectations we have of you – and that you should have of yourself. In addition to academic study, students are encouraged to apply for formal leadership positions, to be creative with their own initiatives in contributing to the wider school community.

As role models for the entire school, professional conduct is expected at all times; this includes so much more than just how you dress – it is in the way you live our school values in a highly visible way so that others in school – from the very youngest children to the one-off visitor – see and feel your impact.

In return for your commitment we offer dedicated and knowledgeable teachers, one-to-one careers and university admissions guidance, purposeful, dedicated Post-16 facilities and the experience of being part of a cohesive, collaborative and dynamic learning community.

HORIZON INTERNATIONAL SCHOOL POST-16 TIMELINE



LOCATION AND FACILITIES

At HIS we believe excellent facilities will enrich students' experience

Post 16 students have the luxury of enjoying a purpose-built Hub that is reserved for their use only.

During study periods, they are able to use a large through-space where quiet study and group work can be facilitated. Students are required to bring their own devices and are given access to Wi-fi to support completion of work.

Post 16 students have access to our Learning Resource Centre and library to support their learning and study skills.

Prime location

Close to Umm Sugeim, Dubai Marina, Al Barsha, Emirates Hills and The Palm, and only 20 minutes from Arabian Ranches.



Facilities:



Spacious science laboratories



Fully-fitted theatre



Eight-lane swimming pool



Outdoor AstroTurf football pitch



Indoor air-conditioned gymnasium



Libraries with extensive book collections

ENTRY REQUIREMENTS



The minimum entry requirement for those wishing to join Post 16 is five GCSEs (or equivalent) at Grade 9-4, including English and Maths. However, individual subjects have their own entry requirements, which you will find overleaf. In exceptional circumstances, the application of the above criteria is at the discretion of the Head of Post 16.

Entry to Post 16 also takes into account the following criteria:

- Evidence of a sustained and committed approach to study throughout Key Stage 4.
- Quality of a student's progress file.
- Pastoral and academic staff recommendations.
- Attendance, punctuality and behaviour records.
- Performance at interview.

Post 16 students will be expected to:

- Demonstrate a sustained and committed approach to study throughout Year 12 and 13.
- Take responsibility for their own learning, personal and social development.
- Build upon contact hours through independent study (at least one hour for every hour of teaching received, per subject per week.)
- Maintain high standards of attendance and punctuality.
- Consistently demonstrate standards of behaviour that contribute to the ethos and culture of HIS.
- Be a positive role model for all students and make contributions to the school and wider community.



"Teaching in Post 16 is underpinned by expert subject knowledge which enthuses and motivates students through challenging questioning and detailed feedback."

Principal

CURRICULUM

Students will have the opportunity to choose 3 or 4 AS/A-Level subjects from 4 fixed option blocks. Each subject will have five lessons of teaching allocated to it per week. These qualifications will be studied alongside the core curriculum. Students will also have the additional option to complete the International Extended Project Qualification to supplement academic study and development and portfolio.

When selecting courses, students should take into account the career that they wish to follow, the subjects they enjoy and are most confident in and, of course, the subjects in which they have been the most successful.

Core Curriculum

Subject	Lessons per week	Notes
Physical Education (PE)	1-2	Not examined
Moral Education/UAE Social Studies	1	Not examined
Islamic Studies/PSHE	2	Not examined
Arabic A (Arab students)	3	Not examined

A-Level Option Curriculum

Subject	Lessons per week	Notes
Option 1	5	Examined
Option 2	5	Examined
Option 3	5	Examined
Option 4	5	Examined
International Extended Project Qualification	2	Project based submission

Note: Options blocks will be published each year at the beginning of Spring Term (Year 11).

Subject-specific entry requirements

Students will typically be expected to have gained at least a GCSE grade C/5 or B/6 in the A level subjects they wish to study. However, some subjects have higher or additional requirements, see below.

Subject	Requirement	Without prior study
Art and Design (all routes)	6 in Art and Design	Yes - upon consultation with the Art Department
Biology	7 in Science	No
Business	6 in Business	Yes (6 in English Language required)
Chemistry	7 in Science	No
Computer Science	6 in ICT / Computer Science	No
English Literature	6 in English Literature	No
Geography	6 in Geography	No
History	6 in History	No
Mathematics	7 in Mathematics	No
Media	6 in Media	Yes (6 in English Language required)
Physics	7 in Science	No
Psychology	6 in Psychology	Yes (6 in Science and 6 in English)



Enrichment, Enhancement, Leadership and Futures

A high priority is also placed on offering students many opportunities to enhance and enrich their education and to develop their skills holistically. Students are expected to involve themselves in the school and its wider community and as such will have opportunities to have an impact through coaching and mentoring opportunities, organisation of community and charity events and within formal roles such as the Student Executive Leadership Team and School Council.

Further to their option subjects choices and core curriculum, students will have the opportunity to work towards the International Extended Project Qualification (IEPQ) to support their preparation for further education (see page....).

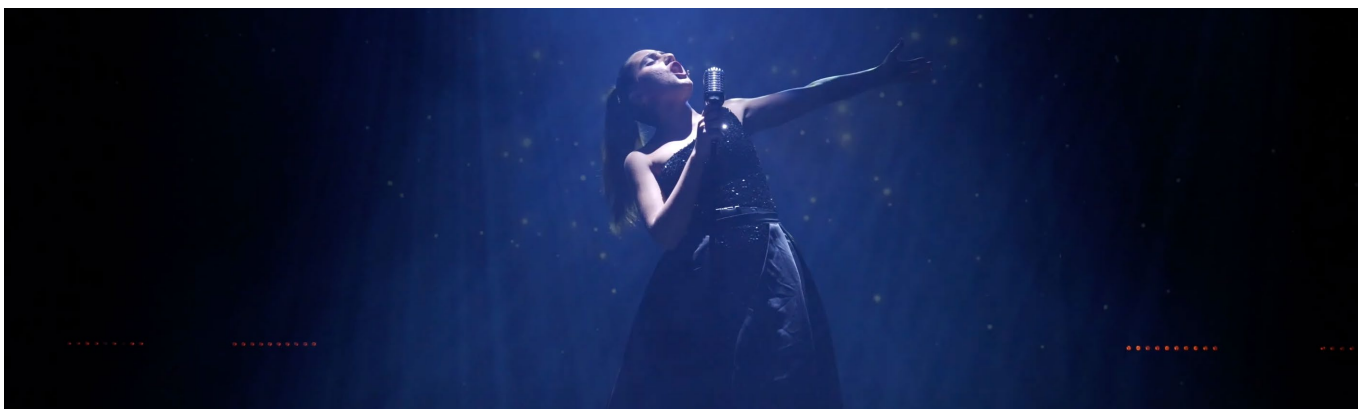
Students will also continue to have full access to a wide range of internal and external extra-curricular activities, clubs, teams and opportunities to develop their skills beyond academia, these include but are not limited to, F1 in Schools, Model United Nations, Duke of Edinburgh Award, Sports Clubs/Teams (competitive and for-pleasure) as well as opportunities in Music, Theatre and the Creative Arts.



Scholarships Opportunities

At HIS we offer a comprehensive scholarship mentoring programme, which underscores our commitment to recognising and rewarding outstanding talent and high performing students. Scholars are supported with mentoring and encouraged to make considerable contributions to school life and specifically within their scholarship field. They are provided with many opportunities to develop and master new skills, represent the school and take on student leadership roles. We empower our scholars to become change makers, making a difference for the benefit of others within and outside of our school community.

Partial scholarship offers are available for students who are able to demonstrate exceptional levels of achievement in academia, sports or creative arts.



REQUIREMENTS FOR THE SYSTEM OF EQUIVALENCY OF PRIVATE SCHOOLS CERTIFICATES

What is Equivalency?

Equivalency (Secondary School Leaving Certificate) is a student's evidence that they have successfully completed Secondary Schooling in the UAE. Originally developed for Arabic Curriculum Schools, it is now often referred to as the 'Equivalence Certificate' because students following an alternative curriculum (such as the British Curriculum on offer at Horizon International School) can now gain the certificate having attended an international school.

How does a student achieve Equivalency?

In order to achieve the Equivalence Certificate, the Ministry of Education specify that the following criteria are met:

- Within the British Curriculum students are expected to complete Year 13.
- Students have to achieve 5 GCSEs at Grade 4/5 or above from the list of subjects shown in the table below.
- Students have to pass 2 AS Levels at Grade D or above from the subjects shown in the table below.
- Students must pass both the Ministry of Education Arabic (Native for passport holders of Arabic countries or Non-Native for passport holders of Non-Arabic countries) and Islamic Studies (if applicable) examinations.

Why does a student need to achieve Equivalency?

Any student who has studied in the UAE for his/her final secondary school years (Year 10 onwards) is advised to make all appropriate efforts to achieve Equivalency, unless that can answer "No" to all of the following questions:

1. Do you intend to study in the UAE after the age of 18?
2. Do you intend to study in another Arabic country after the age of 18?
3. Do you intend to work in the UAE at any point after the age of 18?

For some students, it will be their intention to study at University in a non-Arabic country. It is clear that for these students, points 1 & 2 (above) do not apply, and some students may have already decided that they intend to work overseas after finishing University. However, a student who has studied beyond Year 10 in the UAE may still be asked to produce their Equivalency certificate many years later if they choose to apply for employment in the UAE or another Arabic country.

Students who do not have the Equivalency Certificate will be at a distinct disadvantage in future years when applying for employment in the UAE. Federal Law dictates that all Federal employees (ie those working in the armed forces or Ministry Departments such as Labour, Interior or Education) must have the Equivalency Certificate.

Subjects Accepted for the Purposes of Equivalency

• English Language	• English Literature	• Maths	• Science	• History
• Geography	• Spanish	• Art & Design	• Business Studies	• Psychology

In addition, Media is accepted at AS/A2 level.

Under our current GCSE options, all students will meet the GCSE requirements for Equivalency as they will take English Language, English Literature, Maths and Science (2 GCSEs). However, as explained at the beginning of this section, the system (and the subjects accepted) are under review. We will update students and parents once the review is complete and we are made aware of the new requirements by the Ministry of Education.



SUBJECT GUIDANCE

ART AND DESIGN

QUALIFICATION

A Level

EXAM BOARD

AQA

COURSE OVERVIEW

A Level Art and Design is a vibrant and dynamic course that builds on the GCSE specification to offer exciting opportunities for higher education and inspire a life-long interest in, and enjoyment of, the arts. A level students are introduced to a variety of experiences that explore a range of two-dimensional and/or three-dimensional media, processes and techniques. They also develop both traditional and new media from drawing to photography and digital design.

EXAMPLE OF TOPICS IN THEMES

Year 12:

Personal study alongside skills workshops. Developing using a wide variety of techniques that are specialised for A Level building on from GCSE skills. Essay structuring and journalling. Developing contextual research skills, understanding the factors that influence students' own art journey.

Year 13:

Component 1 (internally set exam) is a personal investigation with skills workshops to further students' depth and knowledge of art. Students will create a personal study which is a written piece to support their artwork. This can be done in a journal or an essay format.

Component 2 (externally set theme) incorporates a 15 hour exam done during the school day producing work in a sustained focus period under exam conditions. The work produced will be of students' choice but must link to their personal study set by the exam board.

ART & DESIGN TITLES

Fine Art: Through disciplines of drawing, light-based media, mixed media, printing, painting and sculpture.

Graphic Communication: Through the disciplines of advertising, illustration, branding, information design.

Textile Design: Through the disciplines of textiles for interiors, fine art textiles, fashion textiles, painting, pattern cutting.

Three-Dimensional Design: Through the disciplines of spatial design, product design, design crafts.

Photography: Through the disciplines of digital photography, film & video, photojournalism, studio photography, location photography.

PROGRESSION

Art encourages self-expression and creativity. It can build confidence as well as a sense of individual identity for students. Studying areas can lead on to numerous careers such as engineering, design, fashion to name a few. Art develops critical thinking and the ability to interpret the world around us.

EXTRA-CURRICULAR ACTIVITIES

Trips and visits to art galleries and museums.

ASSESSMENT

Year 12	Assessment	% of course
Foundation Studies	Skills Workshops Essay and journal	N/A
Component 1	Internally Set Exam Personal investigation	60%
Year 13	Assessment	% of course
Component 1	Internally Set Exam Personal Investigation	60%
Component 2	Externally Set Exam	40%

BIOLOGY

QUALIFICATION

International AS and A2 Level

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

This qualification is designed to prepare the students for University. It is thoughtfully designed to expand students' understanding of biological systems and processes. The Advanced Biology course is thoughtfully structured to deepen students' appreciation for the complexity of living systems. This course includes such diverse themes like disease, ecology, biochemistry and inheritance, challenging students with a blend of ten practical activities—including enzyme analysis and photosynthesis exploration—including the use of scientific instruments like microscopes and photometers. Our curriculum is designed to develop analytical skills through varied question formats, equipping students with the critical skills necessary for higher education pursuits in biology, medicine, and dentistry, and setting the foundation for professional success in the sciences.

UNITS COVERED

Unit 1: The diversity of living organisms (AS)

Unit 2: Biological systems and disease (AS)

Unit 3: Populations and genes (A2)

Unit 4: Control (A2)

Unit 5: Synoptic paper (A2)

EXTRA-CURRICULAR ACTIVITIES

Opportunities to complete biological studies and field work. This may include working with various types of biologists such as marine biologists and look at important conservation work.

ASSESSMENT

AS Level	Assessment	% of course
Unit 1	1 hour 30 minute exam	50% (20% of A level)
Unit 2	1 hour 30 minute exam	50% (20% of A level)
A2 Level	Assessment	% of course
Unit 3	1 hour 30 minute exam	20%
Unit 4	1 hour 30 minute exam	20%
Unit 5	1 hour 30 minute exam	20%

BUSINESS

QUALIFICATION

International AS and International A Level

EXAM BOARD

Edexcel

COURSE OVERVIEW

The International Advanced Subsidiary in Business consists of two externally-examined units. This qualification is the first half of the International Advanced Level qualification and consists of two IAS units, Units 1 and 2. This qualification may be awarded as a discrete qualification or may contribute 50 per cent towards the International Advanced Level qualification. This qualification consists of four externally-examined units. The International Advanced Level consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.

EXAMPLE OF UNITS

Unit 1: Marketing and people- Meeting customer needs, The market, Marketing mix and strategy, Managing people, Entrepreneurs and leaders.

Unit 2: Managing business activities-Planning a business and raising finance, Financial planning, Managing finance, Resource management, External influences

Unit 3: Business decisions and strategy- Business objectives and strategy, Business growth, Decision-making technique, Influences on business decisions, Assessing competitiveness, Managing change

Unit 4: Global business- Globalisation, Global markets and business expansion, Global marketing, Global industries and companies

PROGRESSION

An A level in Business can lead to a wide range of options post 18. Many students choose to study for a degree in Business and can choose a course which will allow them to specialise in an area of business that they most enjoy, such as finance or marketing. Many degrees now combine business with a modern foreign language which would give an opportunity to study overseas. It's a great foundation for a higher level apprenticeship in Accounting and Finance or Project Management. Also provides a general feel and understanding of the commercial world.

EXTRA-CURRICULAR ACTIVITIES

Trips and visits to marketing agencies and factories.

ASSESSMENT

AS Level	Assessment	% of course
Paper 1	2 Hour Exam	25%
Paper 2	2 Hour Exam	25%
A Level	Assessment	% of course
Paper 3	2 Hour Exam	25%
Paper 4	2 Hour Exam	25%

WHAT OUR STUDENTS SAY

"Business is relevant to the real world, easily applicable to every type of organisation. It also shapes you as a person to become a more independent learner."

CHEMISTRY

QUALIFICATION

International AS and A2 Level

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

This qualification is designed to prepare the students for University. It is thoughtfully designed to expand students' mastery of chemical principles, laying a robust foundation for university-level study in fields such as chemistry, medicine, or chemical engineering. The curriculum is divided into three core areas: Physical, Organic, and Inorganic Chemistry, reflecting the academic structure used by leading universities. Students will engage in ten essential practical activities, including the investigation of enthalpy changes, synthesis of compounds, and identification of functional groups, reinforcing theoretical knowledge through hands-on experimentation. Diverse question formats are integrated, ranging from detailed calculations to demonstrate mathematical competence, to extended writing questions that test logical reasoning and knowledge application. Additionally, the inclusion of multiple-choice questions sharpens critical thinking and time management skills, essential for academic and professional success in the sciences.

UNITS COVERED

Unit 1: Inorganic 1 and Physical 1 (AS)

Unit 2: Organic 1 and Physical 1 (AS)

Unit 3: Inorganic 2 and Physical 2 (A2)

Unit 4: Organic 2 and Physical 2 (A2)

Unit 5: Practical and synoptic (A2)

EXTRA-CURRICULAR ACTIVITIES

Opportunities to visit chemical labs and chemical engineering facilities. Also students may be given the opportunity to visit universities to see how chemistry may be taught at a higher level.

ASSESSMENT

AS Level	Assessment	% of course
Unit 1	1 hour 30 minutes exam	50% (20% of A level)
Unit 2	1 hour 30 minutes exam	50% (20% of A level)
A2 Level	Assessment	% of course
Unit 3	1 hour 30 minutes exam	21%
Unit 4	1 hour 30 minutes exam	21%
Unit 5	1 hour 25 minutes exam	18%

COMPUTER SCIENCE

QUALIFICATION

AS and A Level

EXAM BOARD

AQA

COURSE OVERVIEW

Computer Science lays a strong foundation for further academic endeavors, providing essential knowledge in programming - languages, algorithms, and computing systems. The course emphasises critical thinking and problem-solving skills, attributes that extend beyond computer science into various facets of life and other academic disciplines. Additionally, students gain practical programming proficiency, preparing them for diverse roles in a technology-centric job market. The curriculum covers ethical considerations, fostering responsible and informed use of technology. A Level Computer Science not only equips individuals for careers in software development, data analysis, and cybersecurity but also nurtures adaptability to navigate the dynamic landscape of technological advancements.

Furthermore, the course stimulates innovation and creativity, encouraging students to design and implement solutions. It offers insights into the architecture of computing systems, providing a holistic understanding of how computers operate. The skills acquired are globally relevant, positioning students to address challenges on an international scale. As technology continues to shape various industries, A Level Computer Science stands as a gateway to a future where computational thinking and proficiency in technology are essential assets, empowering individuals to contribute meaningfully to an ever-evolving digital world.

UNITS COVERED

AS Level

- Fundamentals of programming
- Fundamentals of data structures
- Systematic approach to problem solving Theory of computation
- Fundamentals of data representation
- Fundamentals of computer systems
- Fundamentals of computer organisation and architecture
- Consequences of uses of computing
- Fundamentals of communication and networking

A Level

- Fundamentals of programming
- Fundamentals of data structures
- Fundamentals of algorithms
- Theory of computation
- Fundamentals of data representation
- Fundamentals of computer systems
- Fundamentals of computer organisation and architecture
- Consequences of uses of computing
- Fundamentals of communication and networking
- Fundamentals of databases
- Big Data
- Fundamentals of functional programming
- Systematic approach to problem solving
- Non-exam assessment - the computing practical project

EXTRA CURRICULAR ACTIVITIES

Engage in various extracurricular activities to complement your A-level Computer Science studies. Participate in coding competitions such as ACM ICPC and Codeforces to enhance problem-solving skills, contribute to open-source projects on platforms like GitHub, and join or establish a computer science club. Attend hackathons, explore cybersecurity challenges, and delve into robotics or mobile app development projects to apply theoretical knowledge in practical contexts. Undertaking machine learning projects, web development initiatives, and attending networking events like tech meetups and conferences will further enrich your understanding and provide valuable real-world experience.

Assessment Structure

AS Level

Paper 1: This paper tests a student's ability to program, as well as their theoretical knowledge of computer science from subject content 1-4 above.

On-screen exam: 1 hour 45 minutes

50% of AS

Paper 2: This paper tests a student's ability to answer questions from subject content 5-9 above.

Written exam: 1 hour 30 minutes

50% of AS

A Level

Paper 1: This paper tests a student's ability to program, as well as their theoretical knowledge of Computer Science from subject content 10-13 above and the skills required from section 22 above.

On-screen exam: 2 hours 30 minutes

40% of A-level

Paper 2: This paper tests a student's ability to answer questions from subject content 14-21 above.

Written exam: 2 hours 30 minutes

40% of A-level

ENGLISH LITERATURE

QUALIFICATION

International AS and A Level

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

A-Level English Literature will encourage you to develop your interest in, and enjoyment of, literary study through reading widely and critically. It will also greatly enhance your ability to create extended essays, structuring your arguments in an academic and highly sophisticated manner. This skills are highly transferable and will aid your progress and attainment in variety of other subjects.

This qualification approaches the reading and study of literature through the lens of genre and theory. It encourages the independent study of a range of texts within a shared context, giving logic and meaning to the way that texts are grouped for study.

The text lists for this qualification have been designed to ensure teachers have the right balance of traditional and contemporary prose and poetry. The Non-Exam Assessment (NEA) component provides opportunities for teachers to tailor the course to their students' strengths and interests.

EXAMPLE OF TEXTS STUDIED

- **The Great Gatsby**
- **Othello**
- **A Streetcar Named Desire**
- **The Poetry of Robert Frost**
- **The Poetry of Wilfred Owen**
- **The Handmaid's Tale**

UNITS AND ASSESSMENTS

AS

Unit 1: Aspects of Dramatic Tragedy (2 hour exam)

Unit 2: Place in Literary Texts (2 hour exam)

A-Level

Unit 1: Elements of Crime and Mystery (2 hour exam)

Unit 2: Literary Representations (NEA coursework)

GEOGRAPHY

QUALIFICATION

International AS and A Level

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

The International AS and A-level Geography provides students with an opportunity to explore core areas of geography, developing their knowledge and understanding within a framework of geographical theory and research. The content is divided equally between physical and human geography but, throughout the course, there is an emphasis on the inter-connections between the two in environmental geography.

UNITS COVERED

AS Level

Physical geography 1

Section A: Living with hazards

Section B: Hot desert systems and landscapes
or

Section C: Coastal systems and landscapes

Human geography 1

Section A: Global systems and governance

Section B: Resource security

Fieldwork and geographical skills

A Level

Physical geography 2

Section A: Water, carbon and life on Earth

Section B: Ecosystems under stress

Human geography 2

Section A: Changing places

Section B: People and contemporary urban environments

EXTRA CURRICULAR ACTIVITIES

Students will complete fieldwork in the local vicinity where they will collect data, and learn how to analyse it using a series of techniques.

ASSESSMENT

AS Level	Assessment	Marks
Unit 1: Physical geography	Written exam: 1 hour 30 minutes	80 marks
Unit 2: Human geography	Written exam: 1 hour 30 minutes	80 marks
A Level	Assessment	Marks
Unit 3: Physical geography 2	Written exam: 1 hour 30 minutes	80 marks
Unit 4: Human geography 2	Written exam: 1 hour 30 minutes	80 marks
Unit 5: Fieldwork and geographical skills	Written exam: 1 hour 30 minutes	60 marks

HISTORY

QUALIFICATION

International A Level

EXAM BOARD

Edexcel

COURSE OVERVIEW

The International A Level course is taught over two years incorporating AS and A Level. There is an overlap with iGCSE specification (Depth and Breadth studies) but with more focus on source evaluation. Units studied will be chosen with the cohort so to take into account the strengths and interests of the class. Historical units can be chosen from 18th Century to the 20th Century. Options include units of History from the Americas, Europe, Asia and Africa.

UNITS COVERED

Unit 1: Depth Study with Interpretations

Britain (1964 – 1990)

Unit 2: Breadth Study with Source Evaluation

India: From Raj to Partition

OR

South Africa: Colonialism to Post Apartheid

Unit 3: Thematic Study with Source Evaluation

Germany: United, Divided and Reunited

Unit 4: International Study with Historical Interpretations

The Cold and Hot Wars in Asia: 1945 – 1990

ASSESSMENT

4 Exams make up A Level History:

2 AS Exams (End of Year 12)	Assessment
Unit 1: Depth Study with Interpretations	2 hours
Unit 2: Breadth Study with Source Evaluation	2 hours
2 A Level Exams (End of Year 13)	Assessment
Unit 3: Thematic Study with Source Evaluation	2 hours
Unit 4: International Study with Historical Interpretations	2 hours

INTERNATIONAL INDEPENDENT PROJECT QUALIFICATION (ADDITIONAL QUALIFICATION)

QUALIFICATION

International Extended Project Qualification (9695) - Previously international IPQ

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

The OxfordAQA International Extended Project Qualification (EPQ) is a project-based qualification that students can take alongside their chosen International AS/A-levels. The qualification helps students to develop independent learning skills that prepare them for university and beyond. These skills include research, creative problem-solving and report writing.

Oxford AQA's International EPQ is based on the UK's most popular EPQ which is offered by AQA and taken by almost 40,000 students annually. This is the first to be designed specifically for international students.

The International Extended Project will develop and extend from one or more of the student's study areas and/or from an area of personal interest or activity outside their main programme of study. It will be based on a topic chosen by the student and agreed as appropriate by the school.

Delivery of the International Extended Project Qualification in schools will involve teaching of the necessary skills, supervision and assessment of the student's progress. It will involve extended autonomous work by the student. It will require in total 120 guided learning hours, 30 of which will be taught.

Students are required, with appropriate supervision, to:

- choose an area of interest
- draft a title, aims and objectives for formal approval by the school
- plan, research and carry out the project
- produce a project product which consists of either a written report of 5000 words or an artefact with a report of a minimum 1000 words.
- deliver a presentation to a non-specialist audience
- provide evidence of all stages of project development and production for assessment in the production log.

Progression

- The International EPQ gives students the opportunity to stand out from the crowd in their university applications by demonstrating engagement with their chosen discipline beyond preparation for an exam.
- It has been recognised as helping students with the transition from A Levels to university level education by providing them with the skills they need to cope more effectively.

"The University recognises that the OxfordAQA IPQ [now EPQ] will provide an applicant with the opportunity to develop research and academic skills relevant for study at Oxford. Candidates are encouraged to draw upon relevant project experience when writing their personal statement."

University of Oxford, 2023

"The Extended Project Qualification provides an excellent opportunity for students to develop the kinds of research and academic skills demanded by the rigours of Higher Education."

University of Southampton."

MATHEMATICS

QUALIFICATION

International AS and A2 Level

Entry Requirements:

Grade 7 GCSE/IGCSE Maths

Desirable : AQA Level 2 Further Maths

EXAM BOARD

Edexcel

What will you learn?

During the course you will extend your range of mathematical skills and techniques, using them in more difficult, unstructured problems and developing your ability to reason logically. GCSE/IGCSE Maths forms the foundation of your understanding for this course, so it is essential that you have a deep understanding of the concepts you have learnt so far.

COURSE BREAKDOWN

The International AS qualification consists of two units of Pure Maths and one unit of Applied Maths (Statistics, Mechanics or Decision) in one year, each unit assessed separately through an externally assessed exam (3 x 1.5 hours). The International A-Level qualification consists of an additional two units of Pure Maths and one of Applied Maths (Statistics, Mechanics or Decision). Again, each unit is assessed through an externally assessed exam (3 x 1.5 hours).

Pure Mathematics units

Unit	*Unit code:	Availability	First Assessment	IAS Weighting	IAL Weighting	Content Overview
P1: Pure Mathematics 1	WMA11/01	January, June and October	January 2019	33⅓ %	16⅔ %	Algebra and functions; coordinate geometry in the (x,y); trigonometry; differentiation; integration.
P2: Pure Mathematics 2	WMA12/01	January, June and October	June 2019	33⅓ %	16⅔ %	Proof; algebra and functions; coordinate geometry in the (x,y) plane; sequences and series; exponentials and logarithms; trigonometry; differentiation; integration.
P2: Pure Mathematics 3	WMA13/01	January, June and October	January 2020	N/A	16⅔ %	Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods.
P2: Pure Mathematics 4	WMA14/01	January, June and October	June 2020	N/A	16⅔ %	Proof; algebra and functions; coordinate geometry in the (x,y) plane; binomial expansion; differentiation; integration; vectors.

Applied Mathematics Units

Unit	*Unit code:	Availability	First Assessment	IAS Weighting	IAL Weighting	Content Overview
S1: Statistics 1	WST01/01	January, June and October	June 2019	33⅓ %	16⅔ %	Mathematical models in probability and statistics; representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; normal distribution.
M1: Mechanics 1	WME01/01	January, June and October	June 2019	33⅓ %	16⅔ %	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.
D1: Decision Mathematics 1	WDM11/01	January and June	June 2019	33⅓ %	16⅔ %	Algorithms; algorithms on graphs; algorithms on graphs II; critical path analysis; linear programming.

PROGRESSION

Whatever you plan on doing after school, an A-Level in Maths will impress prospective employers and University admissions tutors. It shows you can think logically, accurately process information, problem solve and skillfully manipulate numbers. A-Level Maths is very often a requirement (or at least desirable) to study many courses at University, including Chemistry. The list of careers in which Mathematics is useful is too long to fit in this space! A study from the University of Nottingham in the UK found that studying Maths at A-Level equates to an average salary rise of 11% compared to those who haven't studied A-Level Maths. No other subject attracts a wage premium in the same way.

MEDIA STUDIES

QUALIFICATION

Cambridge International AS & A Level Media Studies 9607

EXAM BOARD

CAMBRIDGE INTERNATIONAL

COURSE OVERVIEW

Cambridge International AS and A Level Media Studies offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. This is a very popular choice at A level and compliments subjects such as English, Art, Sociology, Psychology and Business Studies. This A Level is accepted by Russell Group Universities in the UK and internationally.

UNITS COVERED

AS Level	Assessment	% of course
Component 1	Foundation Portfolio Coursework	25% of A Level
Component 2	Media Texts into Contexts written paper (2 hours)	25% of A Level
A2 Level	Assessment	% of course
Component 3	Advanced Portfolio Coursework	25% of A Level
Component 4	Critical Perspectives written paper (2 hours)	25% of A Level

We study all aspects of the Media which include, Radio, Film, Television, Advertising, Social Media, Video Games, Newspapers and Music Video. Coursework can range from briefs that ask students to create a Music Video or a shoot a short film as well as creating social media Fan sites and designing magazines. The students have access to Adobe Creative suite software for all their creative work, along with the use of Green Screen, photography lighting and backdrops.

EXTRA CURRICULAR ACTIVITIES

Trips to Media exhibitions, cinema trips, guest speakers and opportunities to be on the Media Captain Team working across school events.

ASSESSMENT

The coursework components are assessed by the Media Studies teachers and moderated by the Cambridge International Board. The 2 hour written paper is taken each year in May. The externally assessed, 2 hour written paper is taken each year in May, with all four components contributing to the final grade.

Progression

Media Studies is a multidimensional subject and can open the door to an array of career paths that requires interaction or an understanding of the creative communication industries and has numerous career pathways.

- Public relations officers/marketing
- Journalists/Publishing
- Picture Editors/Schedulers/Researchers
- Games designer/Animators
- Social Media Content managers
- Runner, broadcasting/film/video
- Television/film/video producers
- Film/Music/TV Producers/Technical ops
- Media Data analysts/Regulators
- Media Lawyers
- Media accountants
- Special effects CGI designers
- Advertising/Television/News Networks creatives

PHYSICS

QUALIFICATION

International AS and A2 Level

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

This qualification is designed to prepare students for university study in Physics or Engineering. It is thoughtfully structured to deepen students' understanding of physical principles, providing a solid foundation for university-level study in disciplines such as physics, aerospace engineering, or materials science. The curriculum is split into distinct modules, each exploring a topic that showcases physics in practical applications, reflecting the teaching structure of Universities. Engaging in ten required practical activities, students will explore concepts such as the Young modulus of metals and investigate interference effects and transformers, solidifying theoretical concepts with experimentation. The course employs a variety of question styles, from calculations that assess mathematical skills to extended response exercises for demonstrating logical thinking and depth of knowledge. Additionally, multiple-choice questions are incorporated to enhance critical thinking and to help students refine their time management strategies, skills that are vital for thriving in a rigorous academic environment.

UNITS COVERED

Unit 1: Mechanics, materials and atoms (AS)

Unit 2: Electricity, waves and particles (AS)

Unit 3: Fields and their consequences (A2)

Unit 4: Energy and energy resources (A2)

Unit 5: Physics in practice and multiple choice (A2)

EXTRA-CURRICULAR ACTIVITIES

Opportunities to visit engineering facilities. Also students may be given the opportunity to visit universities to see how Physics may be taught at a higher level.

ASSESSMENT

AS Level	Assessment	% of course
Unit 1	2 hour exam	50% (20% of A level)
Unit 2	2 hour exam	50% (20% of A level)
A2 Level	Assessment	% of course
Unit 3	2 hour exam	20%
Unit 4	2 hour exam	20%
Unit 5	2 hour exam	20%

PSYCHOLOGY

QUALIFICATION

Oxford AQA International A Level Psychology

EXAM BOARD

Oxford International AQA

COURSE OVERVIEW

The Oxford AQA A Level in Psychology gives an accessible and coherent topic-based approach to offer a stimulating, effective introduction to psychology. Students will have the opportunity to explore interesting psychology topics, considering both psychological theory and practical application. During their studies they will develop skills valued and expected by Higher Education and employers, including critical analysis, independent thinking and scientific research. This course offers a programme of study suitable for students from diverse backgrounds, with topics selected for their engaging content, universal relevance to human experience and appropriateness in a global context

UNITS COVERED

Year 1

UNIT 1 Written exam in January 1.5 hours

- Memory
- Social Psychology
- Psychopathology

UNIT 2 Written exam in May/June 1.5 hours

- Biopsychology
- Cognitive Development
- Research Methods 1

Each Unit Has 1 Exam that is:

1 hour 30 mins

90 marks

50% of the (i) AS 20% of the (i) A-level

Year 2

UNIT 3 Written exam in January 1.5 hours

- Psychology of Sleep
- Schizophrenia
- Research Methods 2

UNIT 4 Written exam in May/June 1.5 hours

- Approaches in Psychology
- Issues & Debates
- Applied Psychology: work & the individual

Each Unit Has 1 Exam that is:

1 hour 30 mins

90 marks

30% of the (i) A-level

Progression

Psychology is a multidimensional subject and can open the door to an array of career opportunities and pathways that requires interaction and an understanding of human behaviour such as social work, clinical/forensic/education psychology, neuroscience, teaching, advertising and marketing, healthcare, sport studies etc.

DRESS CODE

THE POST 16 DRESS CODE IS AS FOLLOWS:

For Males and Females

Dark/outdoor coat (no denim or leather).
Formal shoes (no training shoes or boots).
No visual body piercing, except for a single pair of ear studs.
No extreme hairstyles.

This is a sensible, smart code and all students should follow it. We will enforce it and, if a student is dressed inappropriately, we reserve the right to send the student home to change. The Head of Post 16 will make the final decision about what is appropriate.

Male

Dark, tailored suit, including matching (material & colour) jacket and trousers.
Formal shirt and tie.

Female

Dark tailored suit, including matching (material & colour) jacket and trousers or skirt (skirt must be appropriate length).
Formal blouse (with sleeves, opaque and not of jersey type or woollen material).



The Post 16 dress code is designed to reflect 'business dress', which is fundamental to the school's ethos and culture, including the notion of standards, quality and responsibility. School dress should be fit for the purpose of study.



PROGRESS LEADER/HEAD OF POST 16

Should you wish to apply for Post 16 education at HIS, please complete an application form and return it to the Progress Leader.

1. You will be contacted regarding your application as soon as all applications have all been processed and considered. Applicants who have met the Post 16 entry criteria will be invited for an admissions Interview.
2. At this interview applicants will be asked to consider what they can offer the school, as well as what their intentions are once they leave HIS.
3. Offers of a place will be made before the end of the Spring term.
4. Successful applicants will be invited to an induction day at the end of Year 11 after their GCSE examinations.
5. Students will be required to formally enrol upon confirmation of their GCSE grades in August. We look forward to receiving your application.



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“The thing I really liked about being at HIS? It has a real sense of community. I genuinely loved being there.”

Former Post 16 Student



The information given in this brochure is as accurate as possible at the time of publication. Any changes will be reported to students/parents and published on our website. It should not however be assumed that there will not be any changes before, during or after the school year 2024 -2025.



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