




IB

International
Baccalaureate





'Before the IB, I really didn't like school; it was more of a chore, but something about the IB made me wake up, turned a light on in my head and made me realise my true potential. This became evident on results day where I exceeded the score I needed for my top university choice by 5 points'

We believe that the IB provides an education suited to the demands of the 21st Century - be it university or the workplace. It suits all kinds of students; those who don't quite know what to do later on and those who want to specialise but are reluctant to give up other subjects that they also enjoy; those looking for a supportive full time taught course with a breadth of study to the most able student with ambitions to go to the very best universities.

Employers are impressed by the skill set of IB students

The IB actively teaches the skills and attributes which employers are looking for through the core and across the subjects. Research* indicates that IB students are more likely to be employed in graduate level jobs and in higher paid occupations than those with other qualifications. A greater proportion of IB than A Level leavers are employed within professional scientific and technical activities.

Why the International Baccalaureate is the right course for you

Universities value the academic rigour at the heart of the IB Diploma

UK universities and leading institutions around the world accept the International Baccalaureate Diploma for almost all courses. They regard it highly for its academic standards, its global approach to learning and its teaching of a broad range of transferable skills. To quote an admissions tutor from Manchester University 'I would lean over backwards to admit IB students.' Additionally, a research study shows that IB students have an edge in gaining entrance to and performing at university:

IB Diploma Programme entrants are more likely to be enrolled at one of the UK's top 20 Higher Education Institutions [HEIs] than entrants holding other qualifications.

Approximately a fifth (19%) of IB entrants studying a full-time degree achieved a first-class honours award compared to 14.5% of first-degree qualifiers who hold other qualifications.

Hautlieu has a track record of delivering outstanding IB results

Since Hautlieu became the first school in the Channel Islands, [one of 5284 IB World Schools across the globe], to offer the prestigious IB Diploma we have had superb results. Using the Universities and Colleges Admission Service [UCAS] system to translate a total IB points score into an A Level equivalent, all cohorts have had an average performance at or above an A grade profile.

IB students can point to the sheer breadth of their qualification whilst maintaining depth of study

Studying your native language, a second language, humanities, maths, science and a creative subject [or an additional subject from one of the other groups] makes for a really impressive CV. Students who might worry about mathematics can be confident as this subject is offered at two different levels across two different mathematics pathways, all other subjects are offered at Higher or Standard Level allowing students to specialise in the areas they are most interested in.

* Higher Education Statistics Agency (HESA)

The IB Diploma Programme

IBDP

What will I study?

Group 1: English - this will be an English Literature course covering texts written originally in English plus world literature in translation.

Group 2: French, Spanish, Spanish ab initio, Italian ab initio - (Ab initio means from the beginning. These courses are designed to be accessible for students with little or no language experience).

Group 3: Economics, History, Environmental Systems and Societies, Philosophy or Psychology.

Group 4: Biology, Chemistry, Physics, Sport, Exercise and Health Science and Environmental Systems and Societies. [ESS can be chosen in either group 3 or 4].

Group 5: Mathematics: Analysis and Approaches, Mathematics: Applications and Interpretation.

Group 6: An elective where you will choose from Art, Film Studies or an additional subject from group 3 or 4.

Possible subjects for 2023: There are several other subjects which may be offered subject to student demand. Please discuss these with us before making your choices. Examples include Computer Science, Geography and Information Technology in a Global Society.

How the IB works

Subject Groups

Students study six subjects over two years, one from each of the six subject groups. Three subjects are studied at Higher Level and three at Standard Level. Additionally, all students take the three Core Elements of the diploma: Theory of Knowledge, the Extended Essay and Creativity, Action and Service. We strongly encourage you to discuss options with us before making your choices as we can help tailor make a course that will suit you best (some flexibility allows students to choose two subjects from one group).

Core elements

Theory of Knowledge (TOK)

This interdisciplinary critical thinking course challenges students to examine the different ways of knowing (perception, emotion, language and reason) and knowledge (scientific, artistic, mathematical and historical), to become aware of the role of subjectivity and bias, and to give their personal responses based on analysis of evidence and rational argument.

Extended Essay

Students engage in independent research on a topic of interest relating to one of the subjects they are studying. With the help of a supervisor, students learn the independent research and writing skills expected at university.

Creativity, Action and Service (CAS)

A refreshing counterbalance to academic studies, this element is about life beyond the classroom and aims to foster self-awareness, compassion and the ability to co-operate as part of a wider team. Students work on projects for both their own interest and the benefit of others, the local or global community and the environment.

Assessment and Examination

All subjects are assessed partly through internal assessment such as coursework and oral exams, and partly through written exams at the end of the two-year course. External IB examiners mark all exams and external assessments and moderate internal assessments.

The IB Career-related Programme

IBCP

How the IBCP works

The IBCP programme is designed for students wishing to enter directly into the workplace from Key Stage 5. Students will study two Diploma Programme courses at higher level, the core programme and a specific vocational course designed to prepare students for their chosen career path. At Hautlieu the following Diploma Programme Courses could form part of the Career-related qualification - Philosophy, Psychology, History, Economics, Biology, Visual Arts, Film Studies.

Our vocational courses are Business related qualifications including ACCA Level 3 Diploma in Financial and Management Accounting and the Level 3 Certificate in Financial Studies (CeFS). These qualifications teach essential knowledge in business, finance and accounting and is highly valued in the finance industry.

Partnership with relevant businesses is a unique aspect of the IB Careers Programme and we are delighted to be working with Deloitte who will support our students throughout the course. Students will gain invaluable insight into the finance industry through regular mentoring, work experience and project work with the company. Students will spend time at the Deloitte office in St Helier during their school term in addition to a two-week paid work placement during the summer holidays.

IBCP core elements

Personal and Professional Studies

This multifaceted course which embodies every aspect of the IB Learner profile aims to develop the skills needed to successfully navigate life in the professional workplace, higher education and beyond. The learning environment will include both school and the professional workplace and will challenge students to develop in the five areas of personal development, intercultural understanding, effective communication, thinking processes and applied ethics.

Service Learning

Find out about yourself, your community and the issues that interest you. Service Learning aims to develop caring, global citizens who are equipped to take an active role in making the world a better place. Students are guided apply their knowledge and skills towards meeting authentic community needs. Initiating their own projects, they will deliver real life outcomes which contribute to society by improving the lives of people or assisting the environment or animals.

Reflective Project

Students engage in research and analysis of an ethical dilemma linked to real life situations related to their vocational course and the local and/or global community. With the help of a supervisor and their work placement colleagues, students produce an extensive piece of written work similar to that expected in Higher Education.

Language Development

Internationalism is at the heart of the IB and appreciation of language and culture is essential to developing an understanding of the wider world, particularly in the globalised professional setting. The Language Development course ensures that students are prepared for this as they continue to learn an additional language, developing oral, visual and written communication.

IB Visual Arts

Are you interested in: Creative approaches to art and design?

Head of subject: Mr Cole

Exam board: IB

Entry requirements for IB:

Standard Hautlieu entry requirements.



Leading to a career in:

The creative industries, design, architecture, curatorship, film, illustration, teaching and lecturing



This subject goes well with:

Everything

Introduction to your subject

The visual arts are an integral part of everyday life, permeating all levels of human creativity, expression, communication and understanding. This is an intensive and rewarding course that combines practical, historical and theoretical elements. We encourage students to explore the role of the artist in the modern world. Emphasis is placed on why and how art functions in affecting our collective mindset, and engagement with contemporary practice is key. Site visits, workshops and familiarity with exhibitions both local and abroad are actively encouraged.

Course content

A 2 Year Linear Course with an exploratory first year designed to develop core skills alongside knowledge and understanding and curatorial practice.

Year 2 has a distinctly thematic approach to the Process Portfolio (40%), the Comparative Study (20%) and student curated exhibition (40%) in the second year of study.



Biology

Are you interested in: Investigating the living world at all levels using many different approaches and techniques? At one end of the scale is the cell, its molecular construction and complex metabolic reactions, whilst at the other end, biologists investigate whole ecosystems. Many discoveries remain to be made and great progress is expected in the 21st century.

Head of subject: Mr Swanwick

Exam board: IB

Entry requirements for IB:

Grade 6 in GCSE Biology or a grade 66 in GCSE Combined Science.



Leading to a career in:

Healthcare & Biomedicine, Veterinary science, Research, Teaching & Lecturing, careers in Environmental Science, Natural Resources, Food & Drink, Horticulture and Agriculture amongst many other diverse careers.



This subject goes well with:

Chemistry, Physics, Geography, Sports Studies, Mathematics

Introduction to your subject

The Biology course is experimental by nature and caters for students who have a background in the sciences, are competent in a range of practical techniques and have an interest in the living world.

The course aims to enable students to develop a sound knowledge of Biology and a deep understanding of the nature of scientific enquiry by experiencing practical work. The experimental process underpins the theoretical aspect of the course and students will be given every opportunity to learn through practical work.

Course content

Core content

There are four themes that are studied at both standard and higher level. These are:

- + Commonality and diversity
- + Form and function
- + Interaction and independence
- + Continuity and change

Each theme will be studied at four different levels of organisation:

- + Molecules
- + Cells
- + Organisms
- + Ecosystems

Examinations

There are two exam papers at both standard level and higher level:

- + **Paper 1: Section A:** multiple choice questions
- + **Paper 1: Section B:** syllabus-related data and associated concepts questions

Duration - SL: 1hr 30mins. HL: 2hrs. 36%

- + **Paper 2: Section A:** data-based questions and syllabus content questions
- + **Paper 2: Section B:** essay based questions.

Duration - SL: 1hr 30mins. HL: 2hrs 15mins. 44%

- + Internal assessment: coursework worth 20%

‘Studying the IB biology course has inspired me to completely change my career choice to one involving biological sciences.’

Chemistry

Are you interested in: Explaining a variety of phenomena using attractive and repulsive forces between matter?
Using properties of matter and chemical reactions to solve climate change or provide sustainable fuels?
Designing new materials such as plastics, medicines, catalysts or batteries? Solving complex problems using extended numerical and practical logic?

Head of subject: Mrs Hale

Exam board: IB

Entry requirements for IB:

Grade 6 in GCSE Chemistry and

Grade 6 in GCSE Maths

Or Grades 66 in GCSE Combined

Science and Grade 6 in GCSE

Maths



Leading to a career in:

Medicine, Dentistry, Scientific Research eg, health, pharmaceuticals, cosmetics, paints, plastics, catalysts, climate change, energy production.



This subject goes well with:

Biology, Physics, Maths, Geography.

Introduction to your subject

There are so many amazing developments in chemical research at present: Extending battery life, recycling more materials, tackling environmental issues, solving food, energy and drinking water shortages and developing more effective and less toxic medicines.

Chemistry is divided into 3 subsections:

Physical chemistry covers reaction kinetics and equilibria. It explores the energy released by each stage of a reaction and enables calculation of overall energy changes. We are able to construct complex cycles linking stages of reactions in order to calculate the energy change for the 'impossible' stage.

Organic chemistry focuses on the carbon-based molecules that make up living tissue, starting with alkanes and alkenes and developing into larger and more complex molecules such as the amino acids that make up proteins.

Inorganic chemistry involves using the periodic table to establish and explain and predict trends in reactivity. At A Level we focus on groups 2 and 7 and transition elements. Atomic structure, especially electron arrangement can be used to predict reactivity and the formulae of compounds. We also learn how to test for and identify certain gases and ions.

Diploma Level Chemistry zooms in on concepts from GCSE revealing more about electron arrangement, intermolecular forces and reaction mechanisms. Many concepts in chemistry are advanced using mathematical reasoning and calculations, hence the maths GCSE entry requirement.

Diploma Level Chemistry is an excellent option if you plan to study any science in greater depth beyond Sixth Form. It is also a highly respectable qualification if you decide to follow any path as it builds excellent observational and analytical skills.

Course content

The IB course is split into themes of Structure and Reactivity as follows:

Structure:

1. Models of the particulate nature of matter
2. Models of bonding and structure
3. Classification of Matter

Reactivity:

4. What drives chemical reactions?
5. How much, how fast, how far? Not how fast, how fast?
6. What are the mechanisms of chemical change?

Practical

There are several essential practical activities to exemplify theories and students carry out a lab-based investigation for their Internal Assessment which is worth 20% of the final grade.

Examinations

Assessment Standard Level

Paper 1 is 90 minutes and has multiple choice and short response questions on lab work and data analysis 36% of grade.

Paper 2 is 90 minutes of short and long response questions 44% of grade.

Internal assessment is 20% of grade.

Assessment Higher Level

Paper 1 is 120 minutes and has multiple choice and short response questions on lab work and data analysis 36% of grade.

Paper 2 is 150 minutes and has short and long response questions 44% of grade.

Internal assessment is 20% of grade.

Economics

Are you interested in: Understanding how the world works and what influences you when making the everyday decisions that you take?

Head of subject: Mr Walker

Exam board: IB

Entry requirements for IB:

Standard Hautlieu entry requirements.



Leading to a career in:

Accountancy, Banking, Economist, Journalism, Law, Statistician, Teacher,



This subject goes well with:

Business, Geography, History, Maths, Psychology

Introduction to your subject

Economics allows someone to understand the world around them a little better. Many decisions are taken by individuals, businesses, and governments which economics tries to explain. Why should taxes go up? Is it better to spend money on education or health? Why is a footballer paid much more than a nurse? Economics can seek to find answers to all of these things by looking at the costs and benefits of all the decisions we take. Although economics would like us to believe we all take decisions that are rational and serve our own self-interest fully, this is not always the case. We will consider why this happens and what can be done to change this, or in some cases, keep it this way!

Course content

Unit 1: Introduction to Economics – an understanding of the basic concepts that will be studied on the course

Unit 2: Microeconomics – a study of the behaviour of individual people and businesses. What makes us buy a particular product? Why do businesses want to produce that product? What psychological influences impact the decision we take?

Unit 3: Macroeconomics – considers the economy and looks at how governments try to manage the growth of an economy whilst keeping prices stable and lowering unemployment

Unit 4: International economics – international trade and how countries can develop themselves by improving their infrastructure

Examinations

Paper 1: (75 minutes)

Extended response (1 x 10 marks and 1 x 15 marks)

Paper 2: (105 minutes)

Data response and extended response

Paper 3:

105 minutes on additional HL material (some mathematical focus, but considering suitable economic policies)

Internal Assessment

3 x 800-word assignments on contemporary economic events

IB Economics is open to A Level students as a course.

'I wasn't too sure what economics was at first, but I am so glad I took the course as it became my favourite subject as it was so interesting and relevant to everything going on in the world!'

English Literature A. Higher and Standard Level

Are you interested in: Global issues, literature, politics, fiction, history, graphic novels, society, film and theatre?

Head of subject: Mrs Smith

Exam board: IB

Exam code/s: A

Entry requirements for IB:

Standard Hautlieu entry requirements.



Leading to a career in:

International teaching, writing, journalism, travel, politics, economics, marketing, advertising, Law, finance, medicine.



This subject goes well with:

The other subjects offered as part of the Learner Profile: history, philosophy.

Introduction to your subject

Students learn to appreciate the artistry of literature and develop the ability to reflect critically on their reading, presenting literary analysis powerfully through both oral and written communication.

Course content

- + Available at higher and standard levels.
- + Higher level study requires a minimum of 240 class hours, while standard level study requires a minimum of 150 class hours.
- + Students study 13 works at higher level and 9 works at standard level from a representative selection of literary forms, periods and places.
- + Students develop the ability to engage in close, detailed analysis of literary works, building understanding of the techniques involved in literary criticism.
- + The study of literary works in context is emphasised, and through the study of literature in translation the student is challenged to reflect on the role of cultural assumptions in interpretation.

Examinations

- + Students are assessed through a combination of formal examination and oral and written coursework.
- + The formal examination comprises two essay papers, one requiring the analysis of a passage of unseen literary text, and the other comparative response to a question based on two works studied.
- + Students also perform an oral activity presenting their analysis of two works studied in relation to a global issue of their choice.
- + Higher level students comply with an additional written coursework requirement which consists of writing a 1200 - 1500 word essay on one of the works studied.

‘A brilliant course where I can determine my pathway, speak, write and engage with my own literary interests, whilst being guided through the experience with freedom to make many choices.’

Environmental Systems and Societies

Are you interested in: Acquiring knowledge and understanding of environmental systems on a variety of scales? Being critically aware that resources are finite, and that these should be inequitably distributed and exploited, and that management of these inequities is the key to sustainability?

Head of subject: Mrs Bedward

Exam board: IB

Entry requirements for IB:

Students will be able to study this course successfully with no specific previous knowledge of science or geography. However, as the course aims to foster an international perspective, awareness of local and global environmental concerns and an understanding of the scientific methods would be an advantage.

Introduction to your subject

The Earth faces many human induced environmental issues. We must continue to inquire into and think about the environment and our actions within it, so we can build up knowledge across disciplines in order to solve problems. Governments, groups and individuals taking decisions on environmental issues must evaluate the different viewpoints with an open mind and balance the risks and benefits of their actions. We would not be adequate guardians of the planet unless we care about it, have principles by which we live and accept accountability for our actions. The maxim, think globally act locally is a driver of this course.

Environmental Systems and Societies is an excellent foundation for studying Conservation and Ecology at university. It also covers the foundations of sustainable development and responsible use of resources. It is an excellent platform to be able to work towards Environmental Law, Environmental Economics. It also covers the foundations of sustainable development and responsible use of resources.

Students must check course requirements for each university and course.

Course content

Topic 1: Foundations of ESS-Introduction to; Environmental value systems, systems and models, energy and equilibria, sustainability, humans and pollution.

Topic 2: Ecosystems and Ecology – Species and populations, communities and Ecosystems, Flows of energy and matter, Biomes, zonation and succession, Investigating ecosystems practical work.

Topic 3: Biodiversity and Conservation – An introduction to biodiversity, origins of biodiversity, Threats to biodiversity, Conservation of biodiversity,

Topic 4: Aquatic Systems – Introduction to water systems, Access to freshwater, Aquatic Food production systems, Water pollution.

Topic 5: Soil Systems and terrestrial food production – Introduction to soil systems, Terrestrial food production systems and food choices, Soil degradation and conservation.

Topic 6: Atmosphere and Societies – Introduction to the atmosphere, Stratospheric ozone, Photochemical Smog, Acid deposition.

Topic 7: Climate Change – Energy Choices and Security, Climate Change causes and impacts, Climate change mitigation and adaptation.

Topic 8: Human Systems and Societies – Human population dynamics, Resource use in society, Solid Domestic Waste, Human Systems and Resource use.

Examinations

Paper 1 – Case Study

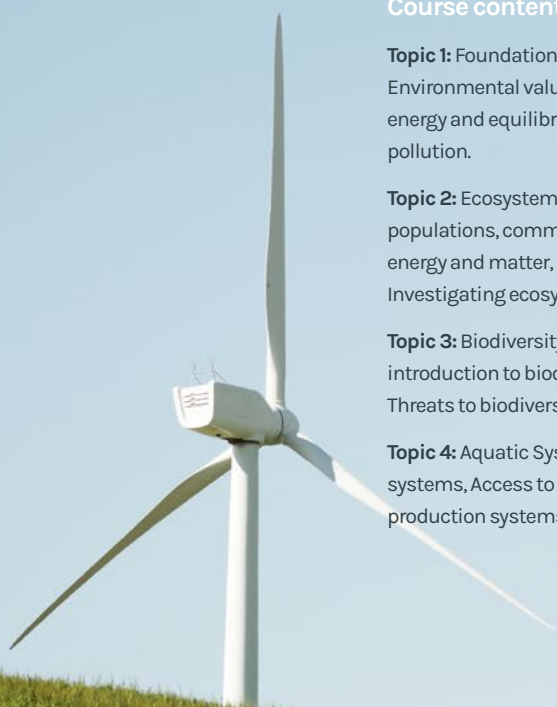
1 hour. Weighted 25% of overall grade.

Paper 2 – Short answers and structured essays

2 hours. Weighted 50% of overall grade.

Internal Assessment: Project work

10 hours. Weighted 25% of overall grade.



Film Studies_Higher Level

Are you interested in: All things film-related, developing critical thinking and ability to analyse texts, activating your imagination and creativity while learning practical skills like video editing, cinematography and sound production?

Head of subject: Ms Magowan

Exam board: IB

Exam code/s: Higher Level (HL)

Entry requirements:

STANDARD HAUTLIEU ENTRY

Can be taken as part of an A Level programme in place of an A Level or as part of the whole IB Diploma Programme of study.



Leading to a career in: The

film industry or related creative industries e.g. advertising, theatre or games design. The focus on the development of high-quality academic skills through the use of the IB's Inquiry Cycle and Student Profile forms an excellent foundation for any arts-related undergraduate programme of study.



This subject goes well with:

English Literature, English Language, Art, Photography, Design And IT.

Introduction to your subject

Undertaking the 2 year IB Film Studies course facilitates the development of valuable production, presentation and critical analysis skills in KS5 learners. This subject is very much in keeping with the spirit of 'Internationalism' featured throughout the IB curriculum and, in this way, analysing foreign language film is a key component of studying IB Film.

'At the core of the IB film course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis that is achieved through practical engagement in the art and craft of film.'

[Source- www.ibo.org]

Course content

Year 1:

Film Portfolio - where students construct a 9 minute show reel and accompanying report to demonstrate their understanding of film (25% of whole grade- Internally Assessed)

Comparative Study- where students produce a 10 minute video essay which critically compares and contrasts two films from differing time periods and/or cultures (20% of whole grade – Externally Assessed).

Year 2:

Textual Analysis - a time-limited assessment where students write a 1750 word analysis essay over four weeks on a specific section of a film chosen by the IB (20% of whole grade – Externally Assessed).

Collaborative Project -where students work in a small group to produce a 7 minute festival worthy short film and accompanying report to demonstrate their understanding of practical film-making in depth (the collaborative project is 35% of the whole grade and is externally assessed).

Examinations

No traditional exam is undertaken.

The course is examined through 4 coursework style assessments as mentioned above.

IB Film Studies is available as a group 6 subject on the IB Diploma programme but is also open to A Level students as one of their three A Level course choices.

'Both challenging and rewarding,
this course helped me to discover hidden
creative talents as well as enabling me
to get into my first choice University to
study screen writing.'



French B

Are you interested in: Exploring the many cultures within the French speaking world and taking your linguistic abilities to the next level? You will learn about the vast world of La Francophonie throughout 4 continents, exploring their different cultures and the challenges they face in the modern world.

Head of subject: Miranda Kelleher

Exam board: IB

Entry requirements for IB:

Grade 6 at GCSE French recommended



Leading to a career in:

Law, Translation, Interpretation, Teaching/Education, Travel & Tourism, Business, a range of Government-related roles such as Foreign Diplomacy.



This subject goes well with:

Many subjects! Throughout the course you study a number of topics that will complement your studies in other subjects such as Spanish, History, English Language/Literature, Business, Art and Media.

Introduction to your subject

French B is a fascinating and challenging course that will allow you to build on your linguistic abilities and to explore and study France and other French-speaking countries that make up the world of La Francophonie. Studying French with the IB will help you to develop your skills so that you can communicate in the language in a range of contexts, become aware of different perspectives from diverse cultures and foster curiosity for and a lifelong enjoyment of language learning.

You will learn about important social issues and trends such as the role of family, citizenship, education, employment, immigration and environmental challenges. You will also gain an appreciation for artistic culture in French-speaking society through art, film, music, and literature (higher level students) Finally, you will be able to develop your essay-writing skills and learn to write a variety of text types including informal and formal emails/letters, press articles, brochures, blogs and speeches.

Course content

Through the course of two years, you will be exploring 5 themes: Identity, Experience, Social Organisation, Sharing the Planet and Human Ingenuity.

These include topics such as:

- + The Francophone world
- + The modern family and citizenship
- + Youth trends and identity
- + Education and employment opportunities
- + Immigration, Discrimination and diversity
- + Social exclusion
- + Regional identity and what it means today
- + Migration and integration
- + Relationships and responsibilities
- + The world of media
- + Innovation
- + Wealth and poverty
- + Environmental challenges
- + religion
- + Health and leisure
- + Travel and tourism

Higher level students will also have the chance to read and study two contemporary novels: No et Moi by Delphine de Vigan, and Oscar et la Dame Rose by Eric-Emmanuel Schmitt.

Examinations

External assessment (3 hours)

Paper 1 – productive skills, writing – (1 hour 15)

One writing task of 250-400 words from a choice of three, each from a different theme, choosing a suitable text type from a choice of three.

(Worth 25% of qualification)

Paper 2 – (1 hour 45)

- + Listening comprehension (45 minutes)
- + Reading Comprehension (1 hour)

These include comprehension exercises on three audio passages and three written texts, drawn from all five themes.

(Worth 50% of qualification)

Internal Assessment:

Individual oral assessment

A presentation followed by a conversation with the teacher, based on a photo (standard level) or a literary extract (higher level), followed by discussion based on at least one theme.

(Worth 25% of the qualification)

History

Are you interested in: *Discussing, debating and exploring the past?*

Head of subject:

Mr McAdam

Exam board: IB

Entry requirements for IB:

Grade 4 at GCSE History or English.



Leading to a career in:

Law, Politics, Public sector,
Business, Archaeologist or
Teaching



This subject goes well with:

English Language, Philosophy,
Politics

Introduction to your subject

This course gives you a chance to study the past from the position of contemporary and latter perspectives. It encourages to challenge different opinions and develop your own independent thought. You will also develop independent research skills on issues that attract your interest in history. Importantly, this course will help you to be more confident in expressing your opinions through class discussion and presentations.

Course content

Paper 1: The study of the causes of World War II from the point of view of Germany, Italy and Japan.

Paper 2: There are two themes related to this paper which are the study of 20th century wars and includes both World Wars and the Spanish, Chinese and Russian Civil Wars.

Individual assessment: This is a personal research topic on a topic chosen by the student. The outcome is a 2,200 word essay which is marked internally and moderated externally.

Paper 3: This is only taken by higher students and consists on the study of largely European affairs c1900 to c 1945. And includes issues

such as peace-making in the inter-war wars. Imperial and early Soviet Russian History, 2th century Chinese History, etc.

Examinations

Paper 1: 1 hour. Analysis of contemporary and historians' perspectives

Paper 2: 1 hour and 30 minutes. Completion of 2 essays

Internal Assessment : Completion of an independent study done in class and at home.

Paper 3: 2 hours 45 minutes. Completion of 3 essays

'I have enjoyed having my ideas being challenged in class discussion leading me to reconsider my arguments.'

Italian Ab Initio

Are you interested in: *Learning about a new language and culture?*

Head of subject: Mrs Kelleher

Exam board: IB

Entry requirements for IB:

Standard Hautlieu entry requirements.



Leading to a career in:

Banking and finance, International law, business, teaching/education, translation, interpretation Travel & Tourism, a range of government-related roles such as foreign diplomacy.



This subject goes well with:

So many subjects! Throughout the course you will study a number of topics that will complement your studies in other subjects such as Spanish, History, English Language/Literature, Business, Art and Media.

Introduction to your subject

Italian Ab Initio is an inspiring and challenging course that will help you to study a brand new language. Studying Italian with the IB will help you develop your language skills so that you can communicate in the language in a range of contexts.

You will also gain an appreciation for artistic and culinary culture in Italian society through art, film, music, and recipe videos. Finally, you will be able to develop your essay-writing skills and learn to write a variety of text types including informal and formal emails/letters, press articles, brochures, blogs and speeches.

Course content

Over the course of two years, you will be exploring 5 themes: Identity, Experience, Social Organisation, Sharing the Planet and Human Ingenuity.

Examinations

Paper 1: (1 hour). 25%

Writing paper. Two tasks of 70-150 words.

Paper 2: (1 hour 45 mins). 50%

Listening and reading comprehension.

Individual oral assessment. (10 minutes)

A conversation with the teacher based on a visual stimulus (a photo for example) and at least one other course theme.

‘Learning a language is the key to widening your perspective on the world. What better way to do this than by leaning about the beautiful language and culture of Italy.’

Mathematics.

Applications and Interpretation—Standard Level

Are you interested in: Developing your skills from GCSE to a more practical approach with relevant real-life application? Using technology as a tool to solve problems.

Head of subject: Mr Pattinson

Exam board: IB

Exam code/s: Standard Level (SL)

Entry requirements for IB:

GCSE Grade 4



Leading to a career in:

Social Sciences, Natural Sciences, Statistics, Business, Economics and Design.



This subject goes well with:

Social sciences.

Introduction to your subject

Applications and Interpretation is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Applications and Interpretation will be those who enjoy mathematics best when seen in a practical context.

Course content

The volume and type of content varies between each of the 3 courses although all based around:

Number and Algebra; Functions; Geometry and Trigonometry; Statistics and Probability; Calculus.

Examinations

External Assessment

Paper 1: (1.5 hours) 40%

Paper 2: (1.5 hours) 40%

Internal Assessment

Mathematical Exploration: 20%



Mathematics.

Analysis and Approaches__Standard Level

Are you interested in: *Furthering your mathematical knowledge from GCSE. Understanding that some mathematics will be needed for the next stage of your journey after leaving Hautlieu.*

Head of subject: Mr Pattinson

Exam board: IB

Exam code/s: Standard Level (SL)

Entry requirements for IB:

GCSE Maths Grade 6.



Leading to a career in:

There are numerous pathways students can take upon receiving this qualification such as Actuarial Science, Engineering, Data Analysis, Research Methods and Computer Science.



This subject goes well with:

All the sciences

Introduction to your subject

Analysis and Approaches at Standard Level (SL) is appropriate for students who enjoy developing their Mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. Students will explore real and abstract applications of these ideas, with and without the use of technology.

Course content

The volume and type of content varies between each of the 3 courses although all based around:

Number and Algebra; Functions; Geometry and Trigonometry; Statistics and Probability; Calculus.

Examinations

External Assessment

Paper 1: (1.5 hours) 40%

Paper 2: (1.5 hours) 40%

Internal Assessment

Mathematical Exploration: 20%

Mathematics.

Analysis and Approaches_Higher Level

Are you interested in: Developing your understanding of mathematics into new and exciting areas? Do you thrive on the rigour involved in finding a solution to a complex question or do you just simply enjoy mathematics? Is following a career or course that involves mathematics important to you?

Head of subject: Mr Pattinson

Exam board: IB

Exam code/s: Higher Level (HL)

Entry requirements for IB:

GCSE Maths Grade 7.



Leading to a career in:

Mathematics, Actuarial Science, Physics, Engineering, Research and development or if you just really enjoy Mathematics then you may opt to study Higher Level Mathematics on the IB diploma. It is usually a pre-requisite for studying for a degree in Mathematics.



This subject goes well with:

All the sciences

Introduction to your subject

Analysis and Approaches at Higher Level has a broader and deeper curriculum to that of the Standard Level (SL) course. It is appropriate for students who really enjoy developing their Mathematics to become fluent in the construction of mathematical arguments and develop excellent skills in mathematical thinking. Students will explore real and abstract applications of these ideas, with and without the use of technology.

Course content

The volume and type of content varies between each of the 3 courses although all based around:

Number and Algebra; Functions; Geometry and Trigonometry; Statistics and Probability; Calculus.

Examinations

External Assessment

Paper 1: (2 hours) 30%

Paper 2: (2 hours) 30%

Paper 3: (1 hour) 20%

Internal Assessment

Mathematical Exploration: 20%

Philosophy

Are you interested in: Big questions, thinking more deeply, looking beyond appearances.....
a subject that gives you the ultimate skill set for life-long learning.

Head of subject: Thomas Fallon

Exam board: IB

Entry requirements for IB:
Grade 5 in English



Leading to a career in:

Anything and everything, but particularly Law, Teaching, Medicine, Scientific research, Finance and Journalism.



This subject goes well with:

Anything (but particularly well with History, English, Psychology, Economics, the Sciences).

Introduction to your subject

Philosophy is not training. It is education for people who want not just to live, but to live well. Philosophy is for people who could never be happy if they didn't ask why? The great value of philosophy is that it teaches not what to think, but how to think. It is the study of meaning, the love of wisdom, searching for the underlying principles of conduct, thought and knowledge. It hones the ability to analyse, question and express clearly. It will enhance your intellectual skills. You won't accept common knowledge and accepted wisdom at face value. You will evaluate your own and other's positions and propose new ideas. You will be able to think, write and speak intelligently now and in the future, helping you to succeed in all that you do.

Course content

Paper 1: Being Human, ethics, political philosophy.

Paper 2: A set Text

Paper 3: (HL only) Doing Philosophy - unseen text.

Internal Assessment: A philosophical analysis of a non-philosophical stimulus

Examinations

Standard Level

Paper 1: 1.45 hours

Paper 2: 1 hour

Internal Assessment: 2000 word essay

Higher Level

Paper 1: 2.5 hours,

Paper 2: 1 hour,

Paper 3: 1.15 hours,

Internal Assessment:

2000 word essay.

Physics

Are you interested in: Design, Imaginative thought concepts, building, technology, experiments and maths? These are just some of the reasons why IB Physics should be your subject pick. IB Physics is one of those subjects that blends theoretical and practical understanding with analytical skills.

Head of subject: Mr Bowen-Rice

Exam board: IB

Entry requirements for IB:

Grade 6 in GCSE Physics or a Grade 66 in GCSE Combined Science, Grade 6 in GCSE Maths.



Leading to a career in:

Engineering, Physics, Medicine, Geology, Music Technology, Artificial Intelligence, Teaching & lecturing amongst many other diverse careers.



This subject goes well with:

Chemistry, Biology, Maths, Geography, Philosophy, Music, Art, Design Technology

Introduction to your subject

The course delves straight into our understanding of matter and what really exists inside of an atom.

Students will then be met with the work of Bohr and how the bedrock of classical physics was about to be turned on its head.

After developing our understanding of the quantum nature in matter and light; students will then establish stronger links in our understanding of wave behaviour and evidence for this behaviour. The core course then finishes with students applying their skills to real life electrical circuits and have the opportunity to solve through experiment. In the final year of the course students finish off their core by delving into Newtons classical mechanics through linear and rotational motion. Higher level students will then develop their knowledge further where they will investigate planetary motion around orbiting bodies and relate this to electric fields. The students will finish their year 13 core material with establishing how to harness nuclear fuel and the nature of wave particle duality. In the final semester students will specialise in a field of their choice between Astro or Engineering Physics.

Examinations

There are two externally-examined papers and one scientific investigation.

Paper 1 – Paper 1A: Multiple-choice questions.

Paper 1B: Data-based questions.

Paper 2: Short answer and extended response questions.

Scientific investigation: The scientific investigation is an open-ended task in which the student gathers and analyses data in order to answer their own formulated research question. The outcome of the scientific investigation will be assessed through the form of a written report. The maximum overall word count for the report is 3,000 words.

Course content

Physics syllabus content overview

A. Space, time and motion	B. The particulate nature of matter	C. Wave behaviour	D. Fields	E. Nuclear and quantum physics
A.1 Kinematics*	B.1 Thermal energy transfers*	C.1 Simple harmonic motion**	D.1 Gravitational fields**	E.1 Structure of the atom**
A.2 Forces and momentum*	B.2 Greenhouse effect*	C.2 Wave model*	D.2 Electric and magnetic fields**	E.2 Quantum physics***
A.3 Work, energy and power*	B.3 Gas laws*	C.3 Wave phenomena**	D.3 Motion in electromagnetic fields*	E.3 Radioactive decay**
A.4 Rigid body mechanics***	B.4 Thermodynamics***	C.4 Standing waves and resonance*	D.4 Induction***	E.4 Fission*
A.5 Galilean and special relatively***	B.5 Current and circuits*	C.5 Doppler effect**		E.5 Fusion and stars*

* Topics with content that should be taught to all students

** Topics with content that should be taught to all students plus additional HL content

*** Topics with content that should only be taught to HL students

'The course allows you to tailor the Physics for you.
The optional Extended Essay really allowed me to
explore my interest in music to a deeper level.'



Psychology

Are you interested in: Understanding your own and others' behaviours. How we interpret the world around us? How we see the world differently as we grow. What makes a criminal. How our behaviour is due to nature or nurture.

Head of subject: MR Moss

Exam board: OCR

Exam code/s: Higher Level (HL)
Standard level (SL)

Entry requirements for IB:
Standard Hautlieu entry requirements.



Leading to a career in:

Psychology, neuroscience, criminology, police, teaching, law, marketing, business, HR, sports.



This subject goes well with:

Any subject.

Introduction to your subject

This subject explores the causes and forms that behaviour takes. It looks at what it is to be human and tries to find explanations for why we behave in the way that we do. We look at factors that impact the way we see and respond to the world, why we choose to act some ways and not others. It explores the extent we are free to make decisions and investigates how much of our lives may already be predetermined.

Psychology is fundamentally a course that will change the way you think and perceive the world around you, and this is why it is such an important course to study at this point in your developing lives.

Course content

The course is composed of 3 key areas for SL and 4 key Areas for HL

1. Core material looking at different levels of interpreting behaviour. Biological level of analysis, Cognitive level of analysis, socio-cultural level of analysis. (Both SL and HL study these areas with some additional HL content in each level of analysis)
2. Options material Abnormal Psychology (both SL and HL) and Developmental Psychology (HL only)
3. Internal assessment (coursework) Students conduct an experiment partially replicating a published study (both SL and HL)
4. Qualitative Research methods (HL only) understand how to conduct and analyse data that has been collected through qualitative methods.

Examinations

The course is assessed at the end of the two years with two written papers and an IA for SL and three written papers and an IA for HL.

Paper 1:

Core examination 2 hours (49 marks) 3 short and 1 long essay (Both SL 50% and HL 40%).

Paper 2:

Options examination
Standard Level - 1 hour, 1 Essay question (22 Mark) from a choice of 3 25%.

Higher Level - 2 hours, 2 essay questions (44 Marks) one from a choice of three on each of two options 20%.

Paper 3:

Qualitative Research paper. (Higher Level only 20%)
Three short-answer questions from a list of six questions (published) on approaches to research (24 marks) 1 hour.

Internal assessment

A report on an experimental study undertaken by the student (22 Marks) SL 25%, HL 20%

'I like Psychology because it gives you a wider insight and better understanding of human behaviour and why we act/think the way we do.'

Spanish B

Are you interested in: Taking your linguistic abilities to the next level and gaining an in-depth understanding of and ability to analyse the culture, history & politics of Spain and other Spanish-speaking countries, making comparisons with your own and other communities around the world?

Head of subject: Miss Williams

Exam board: IB

Entry requirements for IB:

GCSE Spanish Grade 6.



Leading to a career in:

Translation, Interpretation, Teaching/Education, Travel & Tourism, Business, a range of Government-related roles such as Foreign Diplomacy.



This subject goes well with:

Many subjects! Throughout the course you study a number of topics that would complement your studies in other subjects such as French, History, English Language/Literature, Business, Art and Media. Studying Spanish B will also help you develop your international mindedness that is integral to the IBDP course.

Introduction to your subject

Spanish B is an exciting and challenging course through which you will develop your ability to communicate in Spanish through the study of language, themes and texts. In doing so, you will also develop conceptual understandings of how language works – not only in Spanish but in your native language. You will also learn about Spain and other Spanish-speaking communities, their history, culture, politics, literature, and cinema in great depth and be able to make comparisons with these aspects of your own and other communities. International mindedness is a key aim of the course.

Course content

The IB Spanish B course is split into five main themes: Identities, Experiences, Human Ingenuity, Social Organisation and Sharing the Planet. Through these themes you will study topics such as lifestyle, physical and mental health, the representation of culture and identity in families & communities, historical sites in Spain and Latin America, tourism, environment, celebrations and festivals, immigration, technology, education, the Spanish Civil War and Francoist dictatorship, amongst others.

You will be required to describe situations, narrate events, make comparisons, explain problems and state and support your personal opinions on a variety of topics relating to the Spanish-speaking world and the themes studied. You will also gain an understanding of the purpose, register and conventions of a number of text types, which will be useful for students interested in continuing with subjects such as English Language, Media, Journalism, Creative Writing, and Publishing, amongst others. At Higher Level, students are required to study two literary works originally written in Spanish and are expected to extend the range and complexity of the language they use and understand in order to communicate.

Examinations

Paper 1:

Productive skills: Writing, 25%

Standard Level – 1 hour 15 minutes

Higher Level – 1 hour 30 minutes

One writing task of 250-400 words (SL) or 450-600 words (HL) from a choice of three, each from a different theme, choosing an appropriate text type for the task.

Paper 2:

Receptive skills: Listening and reading, 50%

Listening comprehension

Standard Level – 45 minutes

Higher Level – 1 hour

Reading comprehension

Standard Level & Higher Level – 1 hour

Comprehension exercises on three audio passages and three written texts, drawn from all five themes.

Individual Oral Assessment

12-15 minutes, plus 15 minutes (SL) / 20 minutes (HL) preparation time. 25%

Standard Level

1. A conversation with the teacher, based on a visual stimulus relating to one of the themes from the course.
2. Follow up discussion and presentation
3. General conversation on at least one other theme.

Higher Level

1. A conversation with the teacher, based on an extract from one of the literary works studied in class.
2. Follow up discussion on presentation
3. General conversation on at least one other theme.



Spanish Ab Initio

Are you interested in: The unique opportunity to communicate with a wider range of people in their personal and professional lives. Knowing the language makes you a local no matter where you are, opening up your world literally and figuratively. You will be able to learn about different communities and their culture. You will be humbled by the kindness of strangers, you will build lifelong friendships! And for these reasons alone, you will see the reward of learning languages for many years to come.

Head of subject: Mrs Kelleher

Exam board: IB

Entry requirements for IB:

Standard Hautlieu entry requirements.



Leading to a career in:

In a 'global economy', the ability to speak more than one language and knowledge of different cultures can be very useful in many different job sectors.

The key areas of employment include:

- + civil service
- + education
- + hospitality and tourism
- + IT and telecommunications
- + law
- + marketing and publishing
- + media and journalism
- + recruitment and human resources
- + retail sales and customer service
- + transport and logistics



This subject goes well with:

If you want to continue your education, you might need to take foreign language classes – Many universities undergraduate students take at least two semesters of a foreign language. Getting a jump-start on learning Spanish will pay off later, especially if you're continuing your education. This is without saying that many courses combine very well with Spanish: Law, International business, Linguistics, International relations.

Introduction to your subject

There are over 475 million native speakers of Spanish worldwide. By learning Spanish, you'll be better able to communicate with Spanish speakers who don't speak English. Whether you travel to Spain, Latin America or within the United States, you'll likely run into more than one situation that will require you to know at least basic Spanish.

Course content

Over the course of two years, you will be exploring 5 themes: Identity, Experience, Social Organisation, Sharing the Planet and Human Ingenuity.

Examinations

Paper 1: (1 hour) 25%

Writing paper. Two tasks of 70 – 100 words.

Paper 2: (1 hour, 45 minutes) 50%

Listening and reading comprehension.

Individual oral assessment: (10 minutes) 25%

A conversation with the teacher based on a visual stimulus (a photo for example) and at least one other course theme.

Sports Exercise and Health Science

Are you interested in: The study of health and wellbeing? SEHS is a good preparation for higher or further education related to sports, fitness and health, and serves as a useful preparation for employment in sports and leisure industries. The role of the sports and exercise scientist can vary from the design of elite training regimes to the prescription of exercise for the promotion of health and wellbeing.

Head of subject: Mr Campbell

Exam board: IB

Exam code/s: SPORTS EX SCI

Entry requirements for IB:

Grade 4+ in GCSE Physical Education (if studied) or a Grade 4 in Biology.



Leading to a career in:

Medicine
Physiotherapy
Chiropractic
Physical Education teaching
Nutrition
Sports Science
Sports Technology
Sports Psychology
Sports Coaching



This subject goes well with:

Biology
Psychology
Chemistry

Introduction to your subject

Sports, exercise and health science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course with aspects of biological and physical science being studied in the specific context of sports, exercise and health. The subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century.

Course content

The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, which are studied in the context of sports, exercise and health. Students will cover a range of core and option topics and carry out a range of practical investigations. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyse human performance.

Examinations

Three examination papers:

Paper 1: – Core studies (20% of the final grade).

Multiple choice questions

Paper 2: – Core studies (35% of the final grade).

Section A: one data-based question and several short answer questions on the core (all compulsory).

Section B: one extended response question on the core (from a choice of three).

Paper 3: – Optional Units (25% of final grade).

Several short-answer questions (all compulsory) in each of the two options studied.

Internal assessment: – (20% of the final grade).

Individual practical investigation into a sports exercise or health science topic.