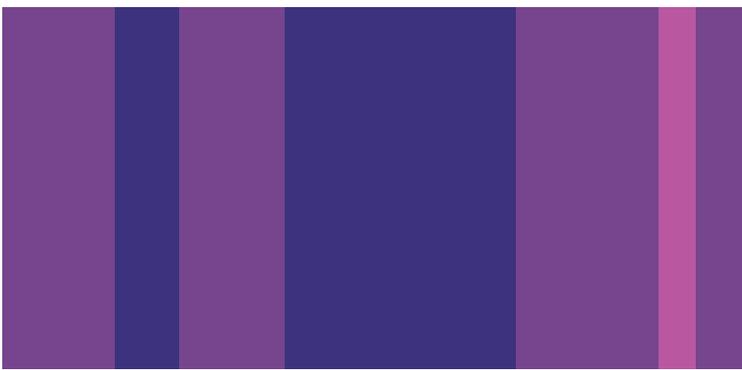


LEARNING TO INSPIRE



IB Diploma Programme

Handbook

2019 - 2020

UNIS Hanoi Values, Mission and Vision

Values & Beliefs

Because UNIS Hanoi values **LEARNING**, UNIS Hanoi believes that we:

- Learn, think and reflect critically in an inspiring environment, using a dynamic curriculum that exceeds international standards;
- Use and apply knowledge in the classroom and beyond for life-long personal development, as we strive for happy, balanced lives;
- Question and research collaboratively to seek innovative solutions for local and global issues.

Because UNIS Hanoi values **COMMUNITY**, UNIS Hanoi believes that we:

- Pro-actively connect with others to make supportive, long-lasting and diverse friendships;
- Take action to create a safe, caring, and sustainable environment;
- Respect and appreciate diverse cultures, beliefs and languages to deepen our understanding of local and global issues.

Because UNIS Hanoi values **RESPONSIBILITY**, UNIS Hanoi believes that we:

- Act with integrity to make and defend reasoned decisions based on respect, compassion and fairness;
- Take ownership and are accountable for our thoughts, actions and their consequences;
- Face challenges with courage, resilience and an independent spirit, whilst remaining responsive and adaptable to change.



Mission & Guiding Principles

“Our mission is to encourage students to be independent, lifelong learners who strive for excellence and become responsible stewards of our global society and natural environment, achieved within a supportive community that values diversity and through a programme reflecting the ideals and principles of the United Nations.”

The United Nations principles as applied to the school are to:

- Promote peaceful solutions to problems.
- Develop friendly relations among children and adults of different nationalities.
- Promote cooperation in problem solving in economic, social, cultural, and humanitarian matters.
- Encourage respect for fundamental freedoms and equality for all, without distinction as to race, sex, language or religion.

Vision

“Our learning community will be an inspirational role model for a better world”

IB Learner Profile

The aim of all IB programmes is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world. The IB learner profile represents 10 attributes valued by the IB and UNIS Hanoi.

As IB learners we strive to be:

INQUIRERS

We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways.

We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

PRINCIPLED

We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere.

We take responsibility for our actions and their consequences.

OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

CARING

We show empathy, compassion and respect.

We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

RISK-TAKERS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

BALANCED

We understand the importance of balancing different aspects of our lives — intellectual, physical, and emotional — to achieve well-being or ourselves and others. We recognize our interdependence with other people and with the world in which we live.

REFLECTIVE

We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

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Background



International Baccalaureate Diploma Programme

The International Baccalaureate Diploma Programme (IBDP) is an academically and personally challenging two-year pre-university course. It provides students of different linguistic, cultural and educational backgrounds with the self-awareness and the intellectual, social and critical perspectives that will be necessary for the adult world. The IBDP is a high-quality programme, designed and monitored by educationalists and drawn from the best practices of education systems in many countries. It is highly respected by schools and universities throughout the world.

IB Diploma Programme Subjects

The IBDP involves choosing three subjects to study in detail at Higher Level (HL) and three subjects at Standard Level (SL). Students must select six subjects by choosing one from each of the groups.

IB Diploma Programme Core Requirements

In addition, the programme has three core requirements that are included to broaden the educational experience and challenge students to apply their knowledge and understanding. They contribute to the unique nature of the IBDP, with compulsory participation required in:

1. Creativity, Action and Service (CAS).
2. The Extended Essay, which demands independent research under appropriate guidance.
3. Theory of Knowledge, which explores the relationship between the disciplines and ensures that students engage in critical reflection about knowledge and experience acquired both within and beyond the classroom.

All IBDP subjects have a balance of coursework that is externally assessed by examination and internally assessed work that is externally moderated. The proportion of the final grade determined by each varies amongst subjects.

Award of the IB Diploma

Below is a selection of some IBDP rules relating to the IB diploma.

- Performance in each of the six IB diploma subjects is graded on a scale of 1 point (minimum) to 7 points (maximum).
- A maximum of 3 points is awarded for combined performance in Theory of Knowledge and the Extended Essay. (see bonus points matrix)
- The maximum total Diploma Programme point score is therefore 45.
- Submission of an Extended Essay and the Theory of Knowledge components is compulsory for award of the diploma.

LEVELS OF AWARD

From the May 2015 examination session

From the May 2015 session the following failing conditions and associated codes will replace those in current use.

1. CAS requirements have not been met.
2. Candidate's total points are fewer than 24.
3. An N has been given for theory of knowledge, extended essay or for a contributing subject.
4. A grade E has been awarded for one or both of theory of knowledge and the extended essay.
5. There is a grade 1 awarded in a subject/level.
6. Grade 2 has been awarded three or more times (HL or SL).
7. Grade 3 or below has been awarded four or more times (HL or SL).
8. Candidate has gained fewer than 12 points on HL subjects .
9. Candidate has gained fewer than 9 points on SL subjects (candidates who register for two SL subjects must gain at least 5 points at SL).



A maximum of three examination sessions is allowed in which to satisfy the requirements for the award of the IB Diploma.



When planning an IBDP course, students should bear the following in mind:

- The same subject cannot be taken at both HL and SL
- The same language cannot be taken in both Group 1 and Group 2
- The IB, at its discretion, occasionally gives special permission for three sciences to be taken if the student concerned has no choice but to do this for university entrance. Documentary evidence of such a requirement must be given to the IBDP coordinator who will forward it to the IB Office and request permission. The IBDP will not allow three sciences to be taken without this written evidence
- A student who is bilingual may take two Language A courses
- SL subject availability is not guaranteed; if insufficient numbers of students opt for a subject it may not be offered or if the class is already full, students may not be able to choose the subject

IB DIPLOMA RECOGNITION BY UNIVERSITIES

International recognition of the IB Diploma Programme is outlined on the IB's website, www.ibo.org/diploma/recognition.

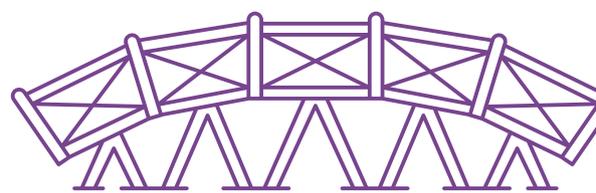
We strongly encourage all students to check university IB recognition policies for individual countries on this website.

Students intending to study at Dutch, French, German, Italian, Swiss, or Asian universities must check country and university-specific requirements when selecting Diploma subjects, because these countries tend to have special requirements.

IB DIPLOMA COURSE CANDIDATES AND IBDP COURSE CERTIFICATES

Instead of taking a full IB Diploma, students may opt to take IBDP examinations in any of the individual subject courses. They will receive IBDP course certificates.

Students who take IB Diploma Courses instead of the full IB Diploma Programme will graduate with a UNIS Hanoi High School Diploma. These students may apply to universities as a US High School Diploma-holder and are often eligible for direct entry to Australian, Canadian, Dutch, Korean, UK, and US universities. Students will, however, often need to meet minimum grade and testing requirements (such as the SAT). Some universities may require that students first complete a foundation programme before being granted direct entry to certain courses.



Group 1- Studies in Language and Literature



Group 1 courses meet the requirements of students whose Language A is their strongest language, while taking into account that many students have complex language profiles and maybe be bi- or tri-lingual. While the courses are different, they both develop understanding about language and literature and are designed to support future study by developing language skills.

Language A- Literature

LANGUAGE A - LITERATURE COURSES INCLUDE: VIETNAMESE, KOREAN AND ENGLISH

Literature HL

This course is designed for the student with an inclination towards the study of literature and who may intend to continue such studies beyond the Diploma level. The course focuses on in-depth literary analysis and expression of that analysis in both oral and written capacity. Students will be required to write essays, conduct independent research and participate in informal and formal oral assignments for internal and external assessment. The total number of texts studied over the two years is 13, including 3 World Literature works, which are read in translation.

Literature SL

This course is designed for students who desire some enrichment in the study of literature and may be considering options for such study beyond the Diploma level. This course will appeal to those who enjoy literary study, but wish to pursue other subject areas at HL instead. Most of the course is studied along with HL students to the same depth. The courses differ in the numbers of texts covered and the types of assessment. Students will be required to write essays, conduct independent research and participate in informal and formal oral assignments for internal and external assessment. The total number of texts studied is 10, including 3 World Literature works, which are read in translation.

ASSESSMENT SL	
Assessment Component	Weighting
<p>External assessment (3 hours)</p> <p>Paper 1: Guided literary analysis (1 ½ hours)</p> <p>The paper consists of two passages: one prose and one poetry.</p> <p>Students choose one and write a guided literary analysis in response to two questions. (20 marks)</p> <p>Paper 2: Essay (1 ½ hours)</p> <p>The paper consists of three questions for each literary genre. In response to one question, students write an essay based on at least two works studied in Part 3. (25 marks)</p> <p>Written Assignment</p> <p>Students submit a reflective statement and literary essay on one work studied in Part 1 (25 marks). The reflective statement must be 300-400 words in length. The essay must be 1,200-1,500 words in length.</p>	<p>70%</p> <p>20%</p> <p>25%</p> <p>25%</p>
<p>Internal assessment</p> <p>This component is internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral commentary (10 minutes)</p> <p>Students give an oral commentary and answer subsequent questions on an extract from a work studied in Part 2. (poetry/prose) (30 marks)</p> <p>Individual oral presentation (10-15 minutes)</p> <p>The presentation is based on works studied in Part 4. It is internally assessed and externally moderated through the Part 2 internal assessment task. (30 marks)</p>	<p>30%</p> <p>15%</p> <p>15%</p>

ASSESSMENT HL	
Assessment Component	Weighting
<p>External assessment (4 hours)</p> <p>Paper 1: Literary Commentary (2 hours) – 20%</p> <p>The paper consists of two passages: one prose and one poetry.</p> <p>Students choose one and write a literary commentary. (20 marks)</p> <p>Paper 2: Essay (2 hours)</p> <p>The paper consists of three questions for each literary genre. In response to one question students write an essay based on at least two works studied in Part 3. (25 marks)</p> <p>Written Assignment</p> <p>Students submit a reflective statement and literary essay on one work studied in Part 1 (25 marks). The reflective statement must be 300-400 words in length. The essay must be 1,200-1,500 words in length.</p>	<p>70%</p> <p>20%</p> <p>25%</p> <p>25%</p>
<p>Internal assessment</p> <p>This component is internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral commentary and discussion (20 minutes)</p> <p>Formal oral commentary on poetry studied in Part 2 with subsequent questions (10 minutes) followed by a discussion based on one of the other Part 2 works (10 minutes). (30 marks)</p> <p>Individual oral presentation (10-15 minutes)</p> <p>The presentation is based on works studied in Part 4. It is internally assessed and externally moderated through the Part 2 internal assessment task. (30 marks)</p>	<p>30%</p> <p>15%</p> <p>15%</p>

Language A - Language and Literature

LANGUAGE A - ENGLISH LANGUAGE AND LITERATURE

English A: Language and Literature HL

This course requires students to be either native or very near native speakers of English in terms of both their oral and written skills. It will appeal to students who may be interested in learning how to make meaning from a wide variety of forms of media found in the world. Students study six literary works in addition to exploring various aspects of Language in Cultural Context and Language and Mass Communication. They will produce a range of oral, written and visual materials to express their analysis of language and literature. Students will be required to write and speak for both internal and external assessment, conduct independent research, and participate in informal and formal oral and written critiques.

English A: Language and Literature SL

This course requires students to be either native or very near native speakers of English in terms of both their oral and written skills. It will appeal to students who may be interested in learning how to make meaning from a wide variety of forms of media found in the world. Students study four literary works in addition to exploring various aspects of Language in Cultural Context and Language and Mass Communication. They will produce a range of oral, written and visual materials to express their analysis of language and literature. Students will be required to write and speak for both internal and external assessment, conduct independent research, and participate in informal and formal oral and written critiques.



Skills developed

- Ability to express ideas clearly and with fluency orally and in writing
- Ability to substantiate and justify ideas with relevant examples
- Ability to evaluate conflicting viewpoints
- Understanding of the ways cultural values are expressed in texts
- Understanding of text structures, style and the writer's technique
- Ability to compare and contrast the form, style and content of texts
- Understanding of individual literary works as representatives of genre and period

ASSESSMENT SL	
Assessment Component	Weighting
<p>External assessment (3 hours)</p> <p>Paper 1: Textual analysis (1 ½ hours)</p> <p>The paper consists of two unseen texts. Students write an analysis of one of these texts (20 marks).</p> <p>Paper 2: Essay (1 ½ hours)</p> <p>In response to one of six questions students write an essay based on both the literary texts studied in Part 3. The questions are the same at HL but the assessment criteria are different (25 marks).</p> <p>Written Task</p> <p>Students produce at least three written tasks based on material studied in the course. Students submit one written task for external assessment (20 marks). This task must be 800-1000 words in length plus the rationale of 200-300 words.</p>	<p>70%</p> <p>25%</p> <p>25%</p> <p>20%</p>
<p>Internal assessment</p> <p>This component is internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral commentary</p> <p>Students comment on an extract from a literary text studied in Part 4 of the course (30 marks). Students are given two guiding questions.</p> <p>Further oral activity</p> <p>Students complete at least two further oral activities, one based on Part 1 and one based on Part 2 of the course. The mark of one further oral activity is submitted for final assessment (30 marks)</p>	<p>30%</p> <p>15%</p> <p>15%</p>

ASSESSMENT HL	
Assessment Component	Weighting
<p>External assessment (4 hours)</p> <p>Paper 1: Textual analysis (2 hours)</p> <p>The paper consists of two pairs of unseen texts. Students write a comparative analysis of one pair of texts (20 marks).</p> <p>Paper 2: Essay (2 hours)</p> <p>In response to one of six questions students write an essay based on at least two of the literary texts studied in Part 3. The questions are the same at SL but the assessment criteria are different (25 marks).</p> <p>Written Task</p> <p>Students produce at least four written tasks based on material studied in the course. Students submit two of these tasks for external assessment (20 marks for each task). One of the tasks submitted must be a critical response to one of the prescribed questions for the HL additional study. This task must be 800-1,000 words in length plus the rationale of 200-300 words.</p>	<p>70%</p> <p>25%</p> <p>25%</p> <p>20%</p>
<p>Internal assessment</p> <p>This component is internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral commentary</p> <p>Students comment on an extract from a literary text studied in Part 4 of the course (30 marks). Students are given two guiding questions.</p> <p>Further oral activity</p> <p>Students complete at least two further oral activities, one based on Part 1 and one based on Part 2 of the course. The mark of one further oral activity is submitted for final assessment (30 marks).</p>	<p>30%</p> <p>15%</p> <p>15%</p>

Self-Taught Language A: Literature

To be eligible for the Bilingual Diploma, students may take a Language A: Literature course other than English as a self-supported subject, even if no teacher of the language is available or the number of students is too small to warrant a separate class. This option is referred to as the 'self-taught' option by the IB. It is only available at SL. In past years, UNIS Hanoi students have studied Danish, Dutch, Italian, Malay, Polish, Portuguese, Russian, and Spanish.

Additional support

UNIS Hanoi mandates that parents need to hire a qualified Literature tutor so that the students can benefit from specialist feedback in the areas of language skills, academic writing and cultural content. Tutors also play a vital role in providing accurate feedback about students' abilities in the subject.

The school recommends an hour of tutoring per week, depending on the ability level of the student. If the student has not had any Language A tuition for an extended period of time, then more tuition time may be necessary. Students are expected to be literate in the language upon starting the course as the main focus of the course is literature, not language acquisition. If both the tutor and the student(s) are available during the school day the school may provide a classroom for them to meet in person or online (e.g. via Skype).



Collaboration with tutors

After parents have identified the tutor, the self-taught coordinator will contact him/her to provide course documentation, deadlines, resources and advice. The tutor must provide the coordinator with information regarding the student's effort, progress and performance. The coordinator will incorporate the tutor's comments into the Language A academic report issued by the school.

Skills developed

Students develop the skills of literature analysis (commentary and essays) and are consequently able to express complex ideas in both their (other) Language A and in English. This has valuable intellectual benefits. Students also gain knowledge and insight into their community or origins, which supports their personal development and a possible (re)integration in a country where the Language A is used. Through the independent self-study of literary works in their own language, students also demonstrate an ability to work independently and to take responsibility for their studies, which is a quality sought by universities.

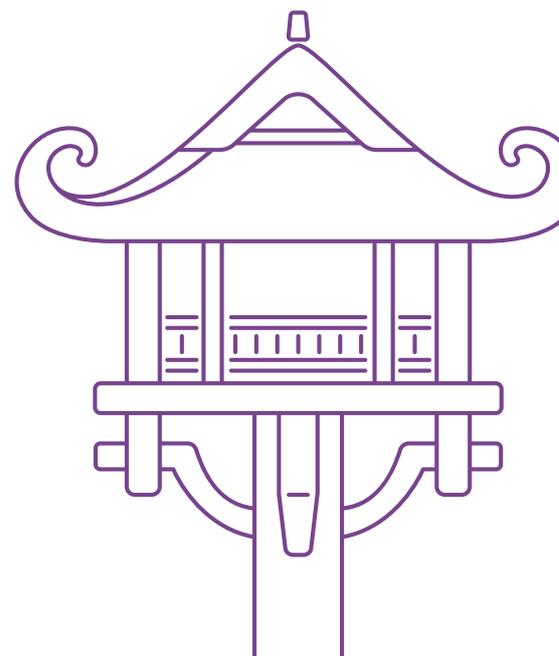


ASSESSMENT

Assessment Component	Weighting
External assessment	70%
Two written examination papers:	
Paper 1- Guided Literary Analysis	20%
Paper 2- Literature Essay Paper	25%
Written Assignment	25%
A reflective statement and literary essay on one work studied in Part 1.	
Alternative oral examination	30%
Individual Oral Commentary	15%
Individual Oral Presentation	15%

Bilingual Diploma

The Bilingual Diploma will be awarded to any student who successfully completes a Language A course in any language other than English in conjunction with an English A course.



Group 2- Language Acquisition

Language B

Language B courses provide students with a high degree of proficiency in their chosen language and further develop their understanding of different cultures and ways of life of the languages studied.

Options: : French, Spanish , Mandarin

Course content

The course is designed for students with previous experiences of learning a foreign language (normally 3-5 years), and is suitable for those who have displayed both ability and interest in their previous foreign language classes. The syllabi for both HL and SL are similar in content, although HL courses also expect students to explore some literary texts.

The objective of the Language B course is for students to communicate clearly and effectively in different styles and contexts while studying the cultures associated with the language. Students gain a better understanding and use of grammatical structures and vocabulary through studying a variety of topics. These topics all offer a cultural perspective and enable students to take part in discussions on a wide variety of issues. Examples of topics include communication and media, global issues and social relationships. Students are encouraged to reflect upon their own perspectives, those of the school and those of the target language culture.

Skills developed

Students further develop the Receptive, Productive and Interactive skills through studying a variety of topic areas and carrying out a range of individual and group work activities.

Receptive skills:

- SL: Understand straightforward information and authentic written texts.
- HL: Understand complex information, appreciate literary works and understand complex authentic written texts.
- AB initio: Understand simple sentences and some more complex sentences. Understand authentic or adapted written texts See sheet attached.



Productive skills:

- SL: Communicate in order to explain a point of view. Describe with detail and accuracy experiences or events. Produce texts with appropriate register, style to an audience and purpose.
- HL: Communicate in order to explain in detail a point of view. Describe in detail and accurately experiences or events. Produce clear texts with appropriate register, style to an audience and purpose. Produce clear convincing arguments.
- AB initio: Express information fairly accurately using a range of basic vocabulary and grammatical structures. Respond appropriately to most questions.

ASSESSMENT SL	
Assessment Component	Weighting
External assessment (3 hours)	75%
<p>Paper 1 (1 hour 15 minutes)</p> <p>Productive skills- writing (30 marks)</p> <p>One writing task of 250-400 words from a choice of three, each from a different theme, choosing a text type from among those listed in the examination instructions.</p>	25%
<p>Paper 2 (1 hour 45 minutes)</p> <p>Receptive skills- separate sections for listening and reading (65 marks)</p> <p>Listening comprehension (45 minutes) (25 marks)</p> <p>Reading comprehension (1 hour) (40 marks)</p> <p>Comprehension exercises on three audio passages and three written texts, drawn from all five themes.</p>	50%
Internal assessment	25%
<p>This component is Internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral assessment</p> <p>A conversation with the teacher, based on a visual stimulus, followed by discussion based on an additional theme. (30 marks)</p>	

ASSESSMENT HL	
Assessment Component	Weighting
External assessment (3 hours 30 minutes)	75%
<p>Paper 1 (1 ½ hours):</p> <p>Productive skills- writing (30 marks)</p> <p>One writing task of 450-600 words from a choice of three, each from a different theme, choosing a text type from among those listed in the examination instructions.</p>	25%
<p>Paper 2 (2 hours):</p> <p>Receptive skills - separate sections for listening and reading (65 marks)</p> <p>Listening comprehension (hour) (25 marks)</p> <p>Reading comprehension (1 hour) (40 marks)</p> <p>Comprehension exercises on three audio passages and three written texts, drawn from all five themes.</p>	50%
Internal assessment	25%
<p>This component is Internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral assessment</p> <p>A conversation with the teacher, based on a visual stimulus, followed by discussion based on an additional theme. (30 marks)</p>	

Language ab initio (available at SL only)

The ab *initio* courses offer students the chance to take up a new language at IBDP and to reach a reasonable level of communication in only two years. This is a good course for students who are interested in learning how to communicate effectively in every situation and for students who have little or no previous experience of learning a foreign language.

All final decisions on the appropriateness of the course for which students are entered are taken by coordinators in liaison with teachers, using their experience and professional judgment to guide them. The most important consideration is that the language ab initio course should be a challenging educational experience for the student (IB Language ab initio Guide, 2011).

Options are French and Spanish.

Course content

The emphasis is on practical utility and communication. Students will acquire the vocabulary and grammatical structures they need to use in everyday social interactions and situations. The course aims to develop a variety of linguistic skills and basic awareness of cultures.

Students study three themes:

1. Individual and society
2. Leisure and work
3. Urban and rural environment

Skills developed

The Language ab initio course aims to develop the following skills:

- Listening: understanding straightforward conversations and the overall idea of a presentation
- Reading: understanding straightforward information and skimming to extract key points and ideas in texts
- Writing: conveying information clearly, organizing ideas, giving details and opinions and using language appropriate to purpose and audience

- Speaking: participating in spontaneous conversations, giving information and opinions clearly in brief structured presentations.

ASSESSMENT SL, HL, AB INITIO

Assessment Component	Weighting
<p>External assessment (2 hours 45 minutes)</p> <p>Paper 1 (1 hour)</p> <p>Productive skills- writing (30 marks)</p> <p>Two written tasks of 70-150 words from a choice of three tasks, choosing a text type for each task from among those listed in the examination instructions</p>	75%
<p>Paper 2 (1 hour 45 minutes)</p> <p>Receptive skills - separate sections for listening and reading (65 marks)</p> <p>Listening comprehension (45 minutes) (25 marks)</p> <p>Reading comprehension (1 hour) (40 marks)</p> <p>Comprehension exercises on three audio passages and three written texts, drawn from all five themes</p>	50%
<p>Internal assessment</p> <p>This component is Internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Individual oral assessment</p> <p>A conversation with the teacher, based on a visual stimulus, followed by discussion based on an additional theme. (30 marks)</p>	25%



Group 3- Individuals and Societies



All Group 3 IB DP courses are ab initio, which means you may start the course without having studied it before.

Economics

Economics is essentially about the concept of scarcity and the problem of resource allocation. It is used to understand many real world problems, such as international trade and development. Throughout the course students will gain an understanding of the trade-offs between equity and efficiency while studying the role of the free market and government in today's mixed market economies. In addition to learning to understand and apply current economic theory and concepts, students will also develop the skills needed to evaluate the ability of economic theory to explain the complexities of economies and the outcomes of decisions made by consumers, producers, banks and governments.

Course content

- Introduction to Economics
- Microeconomics: markets, theory of the firm (HL only) and market failure

- Macroeconomics: measuring the economy, introduction to development, macro models and policies, unemployment, inflation and distribution of income
- International economics: reasons for trade, protectionism, economic integration, World Trade Organisation, balance of payments and exchange rates
- Development economics: sources, consequences, barriers and strategies for growth and/or development.

Skills developed

The course will:

- Provide students with a core knowledge of economics
- Encourage students to think critically
- Promote an awareness and understanding of internationalism
- Encourage students' development as independent learners
- Enable students to recognize their own tendencies for bias.

ASSESSMENT SL	
Assessment Component	Weighting
<p>External assessment (3 hours)</p> <p>Paper 1 (1 ½ hours)</p> <p>An extended response paper (50 marks)</p> <p>Assessment objectives 1,2,3,4</p> <ul style="list-style-type: none"> Section A: Syllabus content: section 1- microeconomics <p>Students answer one question from a choice of two (25 marks)</p> <ul style="list-style-type: none"> Section B: Syllabus content: section 2- macroeconomics <p>Students answer one question from a choice of two (25 marks)</p> <p>Paper 2 (1 ½ hours)</p> <p>A data response paper (40 marks)</p> <p>Assessment objectives 1,2,3,4</p> <ul style="list-style-type: none"> Section A: Syllabus content: section 3- international economics <p>Students answer one question from a choice of two (20 marks)</p> <ul style="list-style-type: none"> Section B: Syllabus content: section 4- development economics <p>Students answer one question from a choice of two (20 marks)</p>	<p>80%</p> <p>40%</p> <p>40%</p>
<p>Internal assessment (20 teaching hours)</p> <p>This component is internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Students produce a portfolio of three commentaries, based on different sections of the syllabus and on published extracts from the news media.</p> <p>Maximum 750 x 3 (45 marks)</p>	20%

ASSESSMENT HL	
Assessment Component	Weighting
<p>External assessment (3 hours)</p> <p>Paper 1 (1 ½ hours)</p> <p>An extended response paper (50 marks)</p> <p>Assessment objectives 1,2,3,4</p> <ul style="list-style-type: none"> Section A: Syllabus content: section 1- microeconomics <p>Students answer one question from a choice of two (25 marks)</p> <ul style="list-style-type: none"> Section B: Syllabus content: section 2- macroeconomics <p>Students answer one question from a choice of two (25 marks)</p> <p>Paper 2 (1 ½ hours)</p> <p>A data response paper (40 marks)</p> <p>Assessment objectives 1,2,3,4</p> <ul style="list-style-type: none"> Section A: Syllabus content: section 3- international economics <p>Students answer one question from a choice of two (20 marks)</p> <ul style="list-style-type: none"> Section B: Syllabus content: section 4- development economics <p>Students answer one question from a choice of two (20 marks)</p> <p>Paper 3 (1 hour)</p> <p>HL extension paper (50 marks)</p> <p>Assessment objectives 1, 2, and 4</p> <p>Syllabus content, including HL extension material: section 1-4- microeconomics, macroeconomics, international economics, development economics. Students answer two questions from a choice of three (25 marks per question)</p>	<p>80%</p> <p>30%</p> <p>30%</p> <p>20%</p>
<p>Internal assessment (20 teaching hours)</p> <p>This component is internally assessed by the teacher and externally moderated by the IB at the end of the course.</p> <p>Students produce a portfolio of three commentaries, based on different sections of the syllabus and on published extracts from the news media.</p> <p>Maximum 750 x 3 (45 marks)</p>	20%

History

History is vital component of any balanced education, placing considerable emphasis on source evaluation, which encourages students to critically analyze information put before them, and to make reasoned and balanced judgments with different perspectives. It has a subject matter which involves issues of credibility, plausibility and probability; and a method of disciplined study which deals in arguments and interpretations, not in certainties. History also helps students understand the foundations and beliefs of other civilizations stimulating respect and curiosity for cultures other than their own.

Course content

SL and HL courses share the same core syllabus.

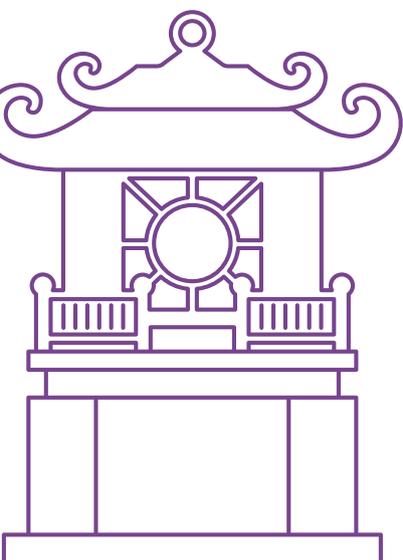
IB History SL/HL is a two-year course that delves into twentieth century history. The course uses twentieth century content to build historical skills in document evaluation, historical research and analysis in addition to an understanding of course content. Analytical skills are a core conceptual understanding of history. Core content includes a study of: The Move to Global War, Authoritarian Leaders and Cold War: Superpower Rivalry. HL content includes an in-depth study of topics chosen from 20th century Asian History.

Summative assessment is done through essay writing and document analysis.



Skills developed

- Development of rigorous and cogent arguments
- Ability to make reasoned judgments
- Understanding the values and limitations of a range of sources of information
- Critical thinking
- Analysis, synthesis and interpretation of information
- Construction of substantiated analyses about the past
- Research and selection of material
- Communication and organization



ASSESSMENT SL	
Assessment Component	Weighting
<p>External assessment (2 ½ hours)</p> <p>Paper 1 (1 hour)</p> <p>One prescribed subject. Four short-answer/structured questions. Assessment objectives 1-3 (24 marks).</p> <p>Paper 2 (1 ½ hours)</p> <p>Two conceptual topics. Two extended-response questions. Assessment objectives 1-4 (30 marks).</p>	<p>75%</p> <p>30%</p> <p>45%</p>
<p>Internal assessment</p> <p>Historical investigation on any area of the syllabus. Approximately 20 hours. Assessment objectives 1-4 (25 marks).</p>	<p>25%</p>

ASSESSMENT HL	
Assessment Component	Weighting
<p>External assessment (2 ½ hours)</p> <p>Paper 1 (1 hour)</p> <p>Two prescribed subjects Four short-answer/structured questions. Assessment objectives 1-3 (24 marks).</p> <p>Paper 2 (1 ½ hours)</p> <p>Two conceptual topics Two extended- response questions. Assessment objectives 1-4 (30 marks).</p> <p>Paper 3 (2 ½ hours)</p> <p>Three regional topics</p> <p>Three extended-response questions. Assessment objectives 1-4 (45 marks).</p>	<p>80%</p> <p>20%</p> <p>25%</p> <p>35%</p>
<p>Internal assessment</p> <p>Historical investigation on any area of the syllabus. Approximately 20 hours. Assessment objectives 1-4 (25 marks).</p>	<p>20%</p>

Psychology

Psychology is the scientific study of human behaviour. One of the overriding purposes of the course is to deconstruct the notion of science and consider whether all human behaviour can be studied with a scientific paradigm. At Diploma level a thematic approach is adopted to studying the course

- In Grade 11 SL and HL students study Research Methods, Criminology and Social Influence. Through these Units we explore decision making, how the body and brain affect behaviour and how society and culture influences our actions.
- HL students study three extension units which are the role of animal research in understanding human behaviour, cognitive processing in the digital world and the influence of globalization on individual behaviour.
- In Grade 12 we study abnormal psychology which focuses on the diagnosis, explanation, and treatment of abnormal behaviour and Psychology of human relationships. This option focuses on human relationships between individuals in personal relationships or in groups. SL students only study one of these options. The options can be changed at the discretion of the teacher. HL students also study an additional research methods unit.
- HL and SL students are required to produce an internal assessment where they conduct an experimental investigation and write up the findings.

Course content

SL and HL courses share the core syllabus. HL students study to a greater breadth.

Part 1: Core (SL/ HL)

- The biological level of analysis
- The cognitive level of analysis
- The sociocultural level of analysis.

Part 2: Options (SL-one option/HL-two options)

- Abnormal psychology
- Option 2, negotiated by teachers and students. Options include Developmental Psychology, Health Psychology, Sport Psychology and the Psychology of Human Relationships



- = Part 3: Qualitative research methodology (HL only)

- Qualitative research in psychology
- Part 4: Simple experimental study (SL/ HL)
- Introduction to experimental research methodology

Skills developed

- To understand biological, social and cultural influences on human behaviour
- To interpret psychological research and apply the resulting knowledge for the benefit of human beings
- To be aware of how applications of psychology in everyday life are derived from psychological theories
- To understand diverse methods of psychological inquiry

ASSESSMENT SL	
Assessment Component	Weighting
External assessment (3 hours)	75%
<p>Paper 1 (2 hours)</p> <ul style="list-style-type: none"> Section A: Three compulsory questions on Part 1 of the syllabus. Section B: Three questions on Part 1 of the syllabus. Students choose one question to answer in essay form. (49 marks) <p>Paper 2 (1 hour)</p> <p>One question from a choice of three on one option (22 marks)</p>	50%
	25%
Internal assessment (20 hours)	25%
A report of a simple experimental study conducted by the student. (22 marks)	

ASSESSMENT HL	
Assessment Component	Weighting
External assessment (5 hours)	80%
<p>Paper 1 (2 hours)</p> <ul style="list-style-type: none"> Section A: Three compulsory questions on Part 1 of the syllabus. Section B: Three questions on Part 1 of the syllabus. Students choose one question to answer in essay form. (46 marks). One or two or all of the essays will reference the additional HL topic <p>Paper 2 (2 hours)</p> <p>Two questions: one from a choice of three on each of two options (total 44 marks)</p> <p>Paper 3 (1 hour)</p> <p>Three short answer questions from a list of six static questions on approaches to research (24 marks)</p>	40%
	20%
	20%
Internal assessment (20 hours)	20%
A report of a simple experimental study conducted by the student. (22 marks)	

Global Politics

Global Politics HL/SL is to be offered in the school year 2019-2020.

Global politics is an exciting new addition to the individuals and societies subject group of the Diploma Programme (DP). The course explores fundamental political concepts, such as power, equality, sustainability and peace, in a range of contexts and through a variety of approaches. It allows students to develop an understanding of the local, national, international and global dimensions of political activity, as well as allowing them the opportunity to explore political issues affecting their own lives. This course has been piloting since 2012 and will be made available as a mainstream subject to all DP schools in 2015.

Curriculum

Common core - people, power and politics

All standard level and higher level students complete a common core entitled “people, power and politics”. This consists of four core units:

- Power, sovereignty and international relations
- Human Rights
- Development
- Peace and conflicts

<https://www.ibo.org/globalassets/digital-toolkit/brochures/global-politics-en.pdf>



Environmental Systems and Societies (ESS)

Please note that ESS can count as both a Group 3 and Group 4 subject.

Environmental Systems and Societies is a transdisciplinary course that offers students the ability to meet the needs for both Groups 3 and 4. It places emphasis on human attitudes to the environment and on the interrelationships between the natural environment and human activities. The intent of this course is to provide students with a coherent perspective on the environment, one that enables them to adopt an informed and responsible stance on the wide range of pressing environmental issues that they will inevitably come to face. Students will develop an understanding of the environment, rooted firmly in the underlying principles of science, rather than a purely journalistic appreciation of environmental issues. The course consequently acknowledges the value of empirical, quantitative and objective data in describing and analysing environmental systems. This intent extends well beyond the academic. The course requires moral and political responses from the students.

Course content

- Foundations of environmental systems and models
- Ecosystems and ecology
- Biodiversity and conservation
- Water and aquatic food production systems and societies
- Soil systems and terrestrial food production systems and societies
- Atmospheric systems and societies
- Climate change and energy production
- Human systems and resource use.

The students also participate in a two day investigation of the native Vietnamese ecosystem of Cuc Phuong National Park as an essential part of the practical work of the course.

Skills developed

- Planning primary data collection
- Conducting laboratory techniques and fieldwork skills
- Presenting and analyzing primary and secondary data in report form



- Presenting and analyzing primary and secondary data in report form
- Oral and visual presentation skills
- Secondary research skills

ASSESSMENT

Assessment Component	Weighting
External assessment (written papers, 3 hours)	75%
Paper 1 (1 hour)	25%
Case study	
Paper 2 (2 hours)	50%
Short answers and structured essays	
Independent investigation (10 hours)	25%

Group 4: Experimental Science



Biology

The biologist's realm is the Earth's surface and those thin layers above and below it in which organisms grow, reproduce and die.

People develop an interest in biology for all sorts of reasons. The workings of the human body are of immediate relevance and many biological matters are topical and receive media coverage. Environmental issues are always in the news, as are medical matters and biotechnology.

Biologists are involved in the study of life at all levels, and the application of knowledge in a wide range of contexts.

Course content

SL and HL courses share the core syllabus:

- Cell biology

- Molecular biology
- Genetics
- Ecology
- Evolution and biodiversity
- Human physiology.

Additional topics (HL students only)

- Nucleic acids
- Metabolism, cell respiration and photosynthesis
- Plant biology
- Genetics and evolution
- Animal physiology

Options

SL and HL students will study one option to be chosen from the following topics:

Options SL and HL

- Neurobiology and behavior
- Biotechnology and bioinformatics
- Ecology and conservation
- Human physiology.

Nature of science

Throughout the course, knowledge and skills are put into the context of the way science and scientists work in the 21st Century.

Skills developed

Practical skills (experimental design, data collection and processing, concluding and evaluating)

ASSESSMENT SL	
Assessment Component	Weighting
Paper 1 (¾ hours) 30 multiple-choice questions on the core	20%
Paper 2 (1¼ hours) Data-based question Short-answer and extended-response questions on core material One out of two extended response questions to be attempted by candidates	40%
Paper 3 (1 hour) Section A: candidates answer all questions, two to three short-answer questions based on experimental skills and techniques, analysis and evaluation, using unseen data linked to the core material Section B: short-answer and extended-response questions from one option	20%
Independent investigation (10 hours)	20%

ASSESSMENT HL	
Assessment Component	Weighting
Paper 1 (1 hour) 40 multiple-choice questions	20%
Paper 2 (2¼ hours) Data-based question Short-answer and extended-response questions Two out of three extended response questions to be attempted by candidates	36%
Paper 3 (1¼ hours) Section A: candidates answer all questions, two to three short-answer questions based on experimental skills and techniques, analysis and evaluation, using unseen data linked to the core and AHL material Section B: short-answer and extended-response questions from one option	24%
Independent investigation (10 hours)	20%

Chemistry

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is often called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems.

The Diploma Programme chemistry course includes the essential principles of the subject but also, through selection of an option, allows teachers some flexibility to tailor the course to meet the needs of their students.

Throughout the course, knowledge and skills are put into the context of the way science and scientists work in the 21st Century through the overarching 'nature of science' theme (IBO).

Course content

SL and HL courses share the core syllabus:

- Stoichiometric relationships
- Atomic structure
- Periodicity
- Chemical bonding and structure
- Energetics - thermochemistry
- Chemical kinetics
- Equilibrium
- Acids and bases
- Redox processes
- Organic chemistry
- Measurement and data processing.

Additional topics (HL students only)

- Atomic structure
- The periodic table – the transition metals
- Chemical bonding and structure
- Energetics - thermochemistry
- Chemical kinetics
- Equilibrium



- Acids and bases
- Redox processes
- Organic chemistry
- Measurement analysis.

Options SL and HL

SL and HL students will study one option to be chosen from the following topics:

- Materials
- Biochemistry
- Energy
- Medicinal chemistry



Skills developed

The study of chemistry encourages abstract thinking. Starting with the basis of chemistry, an understanding of atomic structure, students build images in their minds that are used to predict and explain the properties of matter.

Students gain an appreciation of the three-dimensional structure of molecules and learn to visualize models of reaction pathways and dynamic equilibria. Chemistry is a practical subject and students are encouraged to be disciplined scientists with respect to their recording, presentation and analysis of data. Students also develop the ability to question the validity and reliability of data and appreciate the value of scientific method and reasoning.

ASSESSMENT SL

Assessment Component	Weighting
Paper 1 ($\frac{3}{4}$ hours) 30 multiple-choice questions on the core	20%
Paper 2 (1 $\frac{1}{4}$ hours) Short-answer and extended-response questions on core material	40%
Paper 3 (1 hour) Section A: one data-based question and several short-answer questions on experimental work Section B: short-answer and extended-response questions from one option	20%
Independent investigation (10 hours)	20%

ASSESSMENT HL

Assessment Component	Weighting
Paper 1 (1 hour) 40 multiple-choice questions	20%
Paper 2 (2 $\frac{1}{4}$ hours) Short-answer and extended-response questions on the core and AHL material	36%
Paper 3 (1 $\frac{1}{4}$ hours) Section A: one data-based question and several short-answer questions on experimental work Section B: short-answer and extended-response questions from one option.	24%
Independent investigation (10 hours)	20%

Physics

Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself from the very smallest particles — currently accepted as quarks, which may be truly fundamental — to the vast distances between galaxies (IBO Guide).

Course content

SL and HL courses share the core syllabus:

- Measurements and uncertainty
- Mechanics
- Thermal physics
- Waves
- Electricity and magnetism
- Circular motion and gravitation
- Atomic, nuclear and particle physics
- Energy production

Additional topics (HL students only)

- Wave phenomena
- Fields
- Electromagnetic induction
- Quantum and nuclear physics

Nature of science

Knowledge and skills are put into the context of the way science and scientists work in the 21st Century.

Options SL

SL and HL students will study one option to be chosen from the following topics:

Options SL and HL

- Relativity
- Engineering physics
- Imaging
- Astrophysics



Skills developed

As an experimental science, students learn to make meaning of physical phenomena by creating laws and mathematical relationships from the outcomes of experimental investigations. Starting with the fundamentals in classical physics, the students trace the path of scientific thought through time into modern physics and finally into developments in the world today. Physics enables students to appreciate the validity and reliability of gathered data and experience shifts in conceptual understanding. Ultimately the subject helps students to develop their logical and discriminative faculties and to move towards posing quality questions.



ASSESSMENT SL

Assessment Component	Weighting
Paper 1 ($\frac{3}{4}$ hours) 30 multiple-choice questions on the core	20%
Paper 2 (1 $\frac{1}{4}$ hours) Short-answer and extended-response	40%
Paper 3 (1 hour) Section A: one data-based question and several short-answer questions on experimental work Section B: short-answer and extended-response questions from one option	20%
Independent investigation (10 hours)	20%

ASSESSMENT HL

Assessment Component	Weighting
Paper 1 (1 hour) 40 multiple-choice questions	20%
Paper 2 (2 $\frac{1}{4}$ hours) Short-answer and extended-response questions on core material	36%
Paper 3 (1 $\frac{1}{4}$ hours) Section A: one data-based question and several short-answer questions on experimental work Section B: short-answer and extended-response questions from one option	24%
Independent investigation (10 hours)	20%



Computer science

Students with an interest in pursuing any kind of career with computers or in developing their analytical problem solving skills should consider Computer Science. It is a practical, yet academically rigorous subject offering students a detailed view of how computers work and how systems can be developed (programmed) to work on them. Successful computer systems result from a systematic approach to problem solving along with a sound technical understanding of how computers operate. The aim of the course is to develop both of these aspects of understanding. While learning to program in Java is a significant element of the course, the primary purpose of this course is not to be a vocational programming course but to allow complex theoretical concepts to be explored practically and experimentally.

Course content

SL and HL courses share the core syllabus:

- System fundamentals
- Planning and system installation
- System design basics
- Computer organisation
- Networks
- Computational thinking, problem-solving and programming
- Object oriented programming (option D)

Addition topics (HL students only):

- Abstract data structures and algorithms including: static data
- Structures, dynamic data structures, objects, recursion and algorithm evaluation
- Resource management
- Control

During Grade 12 both HL and SL students undertake a significant project, using programming skills and theory studied in the course. By developing their own application in Java to solve a problem, students get a chance to demonstrate their creativity and programming skills.

Skills developed

Logical problem solving

Project management

Advanced Java programming.

ASSESSMENT SL

Assessment Component	Weighting
External assessment two papers examining theory and algorithms through diagrams, pseudocode and Java	70%
Internal assessment 30% of total made up of a single piece of course work (85%), producing and documenting a Java application with significant programming aspects, and the Group 4 project (15%)	30%

ASSESSMENT HL

Assessment Component	Weighting
External assessment three papers examining theory, algorithms through diagrams, pseudocode and Java, and application of concepts to a pre-studied case study	80%
Internal assessment 20% of total made up of a single piece of course work (85%), producing and documenting a Java application with significant programming aspects, and the Group 4 project (15%)	20%

Environmental Systems and Societies (ESS)

Please note that ESS can count as both a Group 3 and Group 4 subject.

Environmental Systems and Societies is a transdisciplinary course that offers students the ability to meet the needs for both Groups 3 and 4. It places emphasis on human attitudes to the environment and on the interrelationships between the natural environment and human activities. The intent of this course is to provide students with a coherent perspective on the environment, one that enables them to adopt an informed and responsible stance on the wide range of pressing environmental issues that they will inevitably come to face. Students will develop an understanding of the environment, rooted firmly in the underlying principles of science, rather than a purely journalistic appreciation of environmental issues. The course consequently acknowledges the value of empirical, quantitative and objective data in describing and analysing environmental systems. This intent extends well beyond the academic. The course requires moral and political responses from the students.

Course content

- Foundations of environmental systems and models
- Ecosystems and ecology
- Biodiversity and conservation
- Water and aquatic food production systems and societies
- Soil systems and terrestrial food production systems and societies
- Atmospheric systems and societies
- Climate change and energy production
- Human systems and resource use

The students also participate in a two day investigation of the native Vietnamese ecosystem of Cuc Phuong National Park as an essential part of the practical work of the course.

Skills developed

- Planning primary data collection
- Conducting laboratory techniques and fieldwork skills



- Presenting and analyzing primary and secondary data in report form
- Oral and visual presentation skills
- Secondary research skills

ASSESSMENT

Assessment Component	Weighting
External assessment (written papers, 3 hours)	75%
Paper 1 (1 hour)	25%
Case study	
Paper 2 (2 hours)	50%
Short answers and structured essays	
Independent investigation (10 hours)	25%

Group 5- Mathematics



There are three Mathematics courses being offered, designed to meet the needs of students with differing abilities and different requirements for higher education.

Parents are advised to consider the options carefully, along with their child. The most appropriate IBDP mathematics course will depend on which country, which university and which courses the student is contemplating. A number of countries, and some universities in certain countries, restrict entry to courses based on the level of mathematics studied in the IBDP.

The aim of all mathematics courses in group 5 are to enable students to:

- Enjoy mathematics, and develop an appreciation of the elegance and power of mathematics
- develop an understanding of the principles and nature of mathematics
- communicate clearly and confidently in a variety of contexts
- develop logical, critical and creative thinking, and patience and persistence in problem-solving
- employ and refine their powers of abstraction and generalization
- apply and transfer skills to alternative situations, to other areas of knowledge and to future developments
- appreciate how developments in technology and mathematics have influenced each other
- appreciate the moral, social and ethical implications arising from the work of mathematicians and the applications of mathematics
- appreciate the international dimension in mathematics through an awareness of the universality of mathematics and its multicultural and historical perspectives
- appreciate the contribution of mathematics to other disciplines, and as a particular “area of knowledge” in the TOK course.

Mathematics (HL)

This course caters for students with a good background

in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a major component of their university studies, either as a subject in its own right or within courses such as physics, engineering

and technology. Others may take this subject because they have a strong interest in mathematics and enjoy meeting its challenges and engaging with its problems.

Course content

Core syllabus:

The following topics will be studied over the two-year course:

- Algebra
- Functions and equations
- Circular functions and trigonometry
- Vectors
- Statistics and probability
- Calculus.

HL Options

One of the following topics will also be studied as part of the HL syllabus:

- Statistics and probability
- Sets, relations and groups
- Calculus
- Discrete mathematics.

Skills developed

All mathematics courses seek to develop the following skills at the appropriate level for that course:

- Manipulative algebraic skills
- Facility with mathematical software and technology via the graphic display calculator
- Discrimination between methods of solution to a given problem in order to determine the most efficient
- Applicability of the subject to other disciplines.

ASSESSMENT

Assessment Component	Weighting
<p>External assessment (5 hours)</p> <p>Paper 1 (2 hours). No calculator allowed (120 marks)</p> <p>Section A: Compulsory short-response questions based on the core syllabus.</p> <p>Section B: Compulsory extended-response questions based on the core syllabus.</p>	80%
<p>Paper 2 (2 hours). Graphic display calculator required (120 marks)</p> <p>Section A: Compulsory short-response questions based on the core syllabus.</p> <p>Section B: Compulsory extended-response questions based on the core syllabus.</p>	30%
<p>Paper 3 (1 hour). Graphic display calculator required (60 marks)</p> <p>Compulsory extended-response questions based mainly on the syllabus options.</p>	20%
<p>Internal assessment: Mathematical exploration</p> <p>Internal assessment in Mathematics HL is an individual exploration. This is a piece of written work that involves investigating an area of mathematics. This component is internally assessed by the teacher and externally moderated by IB at the end of the course.</p>	20%

Mathematics (SL)

This course caters for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will expect to need a sound mathematical background as they prepare for future studies in subjects such as chemistry, economics, psychology and business administration.

Course content

Core syllabus:

The following topics will be studied over the two-year course:

- Algebra
- Functions and equations
- Circular functions and trigonometry
- Vectors
- Statistics and probability
- Calculus.



ASSESSMENT

Assessment Component	Weighting
<p>External assessment (5 hours)</p> <p>Paper 1 (1 ½ hours) . No calculator allowed (90 marks)</p> <p>Section A: Compulsory short-response questions based on the whole syllabus.</p> <p>Section B: Compulsory extended-response questions based on the whole syllabus.</p> <p>Paper 2 (1 ½ hours) . Graphic display calculator required (90 marks)</p> <p>Section A: Compulsory short-response questions based on the whole syllabus.</p> <p>Section B: Compulsory extended-response questions based on the whole syllabus.</p>	<p>80%</p> <p>40%</p> <p>40%</p>
<p>Internal assessment:</p> <p>Mathematical exploration</p> <p>Internal assessment in Mathematics SL is an individual exploration. This is a piece of written work that involves investigating an area of mathematics. This component is internally assessed by the teacher and externally moderated by IB at the end of the course.</p>	<p>20%</p>

Mathematical Studies (SL)

This course is available only at standard level, and is equivalent in status to mathematics SL, but addresses different needs. It has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal research involving the collection, analysis and evaluation of data. Students taking this course are well prepared for a career in social sciences, humanities, languages or arts. These students may need to utilize the statistics and logical reasoning that they have learned as part of the mathematical studies SL course in their future studies..

Course content

The following topics will be studied over the two-year course:

- Number and algebra
- Descriptive and statistic
- Logic, sets and probability
- Statistic applications
- Geometry and trigonometry
- Mathematics models
- Introduction to differential calculus.

Skills developed

All mathematics courses seek to develop the following skills at the appropriate level for that course:

- Manipulative algebraic skills
- Facility with mathematical software and technology via the graphic display calculator
- Discrimination between methods of solution to a given problem in order to determine the most efficient
- Applicability of the subject to other disciplines.

ASSESSMENT

Assessment Component	Weighting
External assessment (3 hours)	80%
Paper 1 (1 ½ hours)	40%
15 compulsory short-response questions based on the whole syllabus (90 marks)	
Paper 2 (1 ½ hours)	40%
Six compulsory extended-response questions based on the whole syllabus (90 marks)	
Internal assessment – Project	20%
This component is internally assessed by the teacher and externally moderated by IB at the end of the course.	
The project is an individual piece of work involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurement.	

Group 6- The Arts



Theatre

Theatre is a dynamic, collaborative and live art form.

DP Theatre is a multifaceted theatre-making course of study that gives students the opportunity to make theatre as creators, designers, directors and performers. It emphasizes the importance of working both individually and collaboratively and offers the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists. Students experience the course from contrasting artistic perspectives.

DP Theatre encourages students to appreciate that through the processes of researching, creating, preparing, presenting and critically reflecting on theatre— as participants and audience members— they gain a richer understanding of themselves, their community and the world

Course content

Collaboratively Creating original Theatre

Collaborative project: Students at SL and HL collaboratively create and present an original piece of theatre for and to a specified target audience, created from a starting point of their choice.

Examining World Theatre Traditions

Research presentation: Students at SL and HL plan and deliver an individual presentation to their peers in which they present and physically demonstrate their research into a convention of a world theatre tradition they have not previously studied.

Working with Play Texts

Director's Notebook: Students at SL and HL choose a published play text they have not previously studied and develop ideas regarding how it could be staged for an audience.

Creating Theatre based on Theatre Theory (HL only)

Solo Theatre Piece: Students at HL research a theatre theorist they have not previously studied, identify an aspect(s) of their theory and create and present a solo theatre piece based on this aspect(s) of theory

Skills developed

- Development of an idea through to realisation
- Apply research and theory to inform and to contextualize their work.
- Discover and engage with different forms of theatre across time, place and culture and promotes international-mindedness.
- Design and technical operation
- Organisation and Planning
- Collaboration with others
- Articulation of artistic intention
- Creative expression
- Development of transferable life skills

Film

Film is a powerful and stimulating art form and practice. The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives.

DP film students experiment with film and multimedia technology, acquiring the skills and creative competencies required to successfully communicate through the language of the medium. They develop an artistic voice and learn how to express personal perspectives through film. The film course emphasizes the importance of working collaboratively. DP film students are challenged to understand alternative views, to respect and appreciate the diverse cultures that exist within film, and to have open and critical minds.

Course content

Reading film

SL and HL students will examine film as an art form, studying a broad range of film texts from a variety of cultural contexts and analysing how film elements combine to create meaning.

Contextualizing film

SL and HL students will explore the evolution of film across time, space and culture. Students will examine various areas of film focus



in order to recognize the similarities and differences that exist between films from contrasting cultural contexts.

Exploring film production roles

SL and HL students will explore various film production roles through engagement with all phases of the filmmaking process in order to fulfill their own filmmaker intentions. Students acquire, develop and apply skills through filmmaking exercises, experiments and completed films.

Collaboratively producing film (HL only)

HL students focus on the collaborative aspects of filmmaking and experience working in core production teams in order to fulfill shared artistic intentions. They work in chosen film

production roles and contribute to all phases of the filmmaking process in order to collaboratively create original completed films.

Skills developed

- Creative expression
- Media literacy, analysis and interpretation
- Organisation and planning
- Problem solving
- Research
- Technical skills and media creation
- Visual and critical awareness
- Working collaboratively
- Working to deadlines

DP FILM ASSESSMENT (SL & HL)

Assessment Component	SL	HL
<p>Written Textual Analysis of a prescribed film and sequence demonstrating knowledge and understanding of how meaning is constructed in film. They do this through a written analysis of a prescribed film text based on a chosen extract (lasting no more than five minutes) from that film. Students consider the cultural context of the film and a variety of film elements.</p> <p>Students submit the following:</p> <ul style="list-style-type: none"> • A textual analysis (1,750 words maximum) and a list of all sources used. 	30%	20%
<p>Comparative Study Students carry out research into a chosen area of film focus, identifying and comparing two films from within that area and presenting their discoveries as a recorded multimedia comparative study.</p> <p>Students submit the following:</p> <ul style="list-style-type: none"> • A recorded multimedia comparative study (10 minutes maximum). • A list of all sources used 	30%	20%
<p>Film portfolio Students undertake a variety of filmmaking exercises in three film production roles, led by clearly defined filmmaker intentions. They acquire and develop practical skills and techniques through participation in film exercises, experiments and the creation of at least one completed film. Students submit a film reel and accompanying written portfolio.</p> <p>Students submit the following:</p> <ul style="list-style-type: none"> • Portfolio pages (9 pages maximum: 3 pages maximum per film production role) and a list of all sources used. • A film reel (9 minutes maximum: 3 minutes maximum per film production role, including one completed film). 	40%	25%
<p>Collaborative film project (HL only) Students at HL work collaboratively in a core production team to plan and create an original completed film. Students submit a completed film (7 minutes maximum) and a project report.</p> <p>Students submit the following:</p> <ul style="list-style-type: none"> • A project report (2,000 words maximum) and a list of all sources used. • A completed film (7 minutes maximum). 		35%



Music

The study of Music enables students to recognise and discuss musical elements found in a diverse range of musical genres thus developing greater sensitivity to and curiosity for the music that surrounds us. Students also develop an appreciation of the way in which music connects with other areas of knowledge.

Course content

The coursework components, performance and composition are developed continuously through Grades 11 and 12, culminating in the final submission of portfolios in February of Grade 12.

HL only

- Solo performance: vocal or instrumental (20 minutes)
- Composition: three compositions to be notated and recorded

SL only

- Students select one of the following:
 - Solo performance: vocal or instrumental (15 minutes)
- Composition: two compositions to be notated and recorded

Group performance: membership of an ensemble including at least two public performances.

Skills developed

- Instrumental/vocal skills through performing in a variety of contexts
- Creativity through the study of composition
- Knowledge and understanding of musical styles and composition
- Aural analysis skills through the study of music from diverse cultures and traditions
- An understanding of recording techniques
- Ability to use music software and other music technology
- Research skills and musical interests through the musical investigation.

ASSESSMENT SL	
Assessment Component	Weighting
<p>External assessment (75 teaching hours)</p> <p>Listening Paper (2 ¼ hours)</p> <p>Five musical perception questions (100 marks)</p> <ul style="list-style-type: none"> Section A: Students answer two questions Question 1 or question 2 (20 marks) Question 3 (20 marks) Section B: Students answer three questions Question 4 or question 5 (20 marks) Question 6 (20 marks) Question 7 (20 marks) <p>Musical links investigation</p> <p>A written media script of no more than 2,000 words, investigating the significant musical links between two (or more) pieces from the distinct musical cultures (20 marks)</p>	<p>50%</p> <p>30%</p> <p>20%</p>
<p>Internal assessment (75 teaching hours)</p> <p>This component is internally assessed by the teacher and externally moderated by IB at the end of the course.</p> <p>Students choose one of the following options:</p> <p>Creating (SLC)</p> <ul style="list-style-type: none"> Two pieces of coursework, with recording and written work (30 marks) <p>Solo Performing (SLS)</p> <ul style="list-style-type: none"> A recording selected from pieces presented during one or more public performance(s), 15 minutes (20 marks) <p>Group Performing (SLG)</p> <ul style="list-style-type: none"> A recording selected from pieces presented during two or more public performance(s), 20-30 minutes (20 marks) 	<p>50%</p>

ASSESSMENT HL	
Assessment Component	Weighting
<p>External assessment (90 teaching hours)</p> <p>Listening Paper (3hours)</p> <p>Seven musical perception questions (140 marks)</p> <ul style="list-style-type: none"> Section A: Students answer two questions Question 1 or question 2 (20 marks) Question 3 (20 marks) Section B: Students answer four questions Question 4 (20 marks) Question 5 (20 marks) Question 6 (20 marks) Question 7 (20 marks) <p>Musical links investigation</p> <p>A written media script of no more than 2,000 words, investigating the significant musical links between two (or more) pieces from the distinct musical cultures (20 marks)</p>	<p>50%</p> <p>30%</p> <p>20%</p>
<p>Internal assessment (150 teaching hours)</p> <p>This component is internally assessed by the teacher and externally moderated by IB at the end of the course.</p> <p>Creating (75 marks)</p> <p>Three pieces of coursework, with recording and written work (30 marks)</p> <p>Solo Performing (75 marks)</p> <p>A recording selected from pieces presented during one or more public performance(s), 15 minutes (20 marks)</p>	<p>50%</p> <p>25%</p> <p>25%</p>

Visual Arts

IB Visual Arts embraces a wide variety of expressive approaches. Students learn to investigate deeply and locate themselves within a historical/ cultural context and to extend their use of materials and concepts beyond traditional boundaries. Both intellectual and emotional learning are developed through the study of visual arts. While students are introduced to advanced processes and materials, the media they choose to use throughout the two years of the course is at their discretion. Through the investigation and experimental phases students discover the most appropriate media and approach. The course rapidly becomes very personal.

Course content

OVERVIEW OF THE VISUAL ART SYLLABUS

The core syllabus is composed of 3 parts.

Visual Art in Context

The cycle of inquiry, considering and comparing work from a variety of cultures, historical, social contexts. Analyzing, interpreting, comparing, evaluating, using art vocabulary. Reflection and understanding.

Visual Arts Processes

Experimenting with techniques, media, processes, developing a body of resolved and unresolved work, self review and critique, documentation in visual arts journal.

Presenting and Communicating Visual Arts

This 3rd part has to do with understanding curatorial processes, what makes an effective exhibition and selecting and presenting the students own work. Instead of an IWB there will be a Visual Arts Journal

Skills developed

- Visual literacy and observation skills
Visual research and in-depth investigation
- The ability to experiment with a range of visual solutions for communicating their intentions
- Critical analysis of artwork
- To consider the social, historical, geographical and cultural influences on art.

ASSESSMENT HL/SL

Assessment Component

Part 1, The Comparative Study for points 20/100 Externally Assessed

Compare and contrast the work of (at least 2) different artists, different techniques for making art and theory behind the work (HL students will also include a reflection of how this relates to their own work)

SL 10-15 screens

HL 10-15 screens & 3-5 screens comparing own work

Part 2, Process Portfolio for points 40/100 Externally Assessed

The students journey of artmaking, their engagement with different media and techniques, and processes involved in making their own body of works.

SL: 918 pages/screens submitted.

HL: 1325 pages/screens submitted

Part 3, The Exhibition with a written rationale for points 40/100 Internally Assessed by Teacher

Students reflect on changes made during the process of creation and provide a rationale for the decisions regarding the selection of certain pieces for exhibition.

SL: 47 artworks, exhibition text and a curatorial rationale of max 400 words

HL: 8-11 artworks, exhibition text & curatorial rationale max 700 words



Nature of the Subject

The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual art.

Distinction between SL and HL

The visual arts syllabus demonstrates a clear distinction between the course at SL and at HL, with additional assessment requirements at HL that allow for breadth and greater depth in the teaching and learning. The assessment tasks require HL students to reflect on how their own work has been influenced by exposure to other artists and for them to experiment in greater depth with additional art-making media, techniques and forms. HL students are encouraged to produce a larger body of resolved works and to demonstrate a deeper consideration of how their resolved works communicate with a potential viewer.

Core requirements: Theory of Knowledge, Extended Essay and Creativity, Action and Service

Theory of Knowledge (TOK)

The Theory of Knowledge (TOK) course invites students to reflect on their learning experience by considering ways of knowing and how we use them in the different areas of knowledge, so that they can address fundamental questions about themselves as knowers.

The TOK course looks at the ways in which we acquire knowledge and the knowledge questions involved in the IBDP subject areas, as well as in areas such as ethics, religion and indigenous societies.

Skills developed

Students read about and discuss a wide variety of topics. This develops their presentation and debating skills, and enhances an appreciation of alternative points of view, providing a better understanding of complicated problems of knowledge. It aims to teach students how to acknowledge and analyze these problems rather than solve them once and for all.

ASSESSMENT	
Assessment Component	Weighting
External assessment Essay of 1,200-1,600 words during Grade 12	2/3
Internal assessment Presentation on a topic of the students' choice at the end of Grade 11/or start of Grade 12	1/3

Extended Essay

In a 4,000 word essay each student has the opportunity to investigate a topic of special interest. The essay requirement acquaints IBDP students with the kind of independent research and writing skills expected by universities. The IB recommends that a student devotes a total of about 40 hours of private study and writing time to the essay. It may be written in one of 60 subjects, including many languages; however, it is advisable for students to choose a topic from a subject they are taking, preferably at Higher Level.

Award points for TOK and Extended Essay

The following new matrix will be adopted from the May 2015 session.

Up to three additional IBDP points are awarded according to the quality of the combined standard of a student's TOK and Extended Essay. TOK and Extended Essay are each awarded a grade from A to E, and additional points are calculated from the matrix above.

TOK/EE	A	B	C	D	E
A	3	3	2	2	Failing condition
B	3	2	2	1	
C	2	2	1	0	
D	2	1	0	0	
E	Failing condition				

Changes from the current matrix

B+C combination now results in 2 additional points (previously 1 point)

A+E combination now results in zero points and a failing condition (previously 1 point)



Students will complete the requirement for DP IB CAS by attending the meetings of their activity groups, participating in the visits, trips and major events associated with their activities during the CAS programme. To satisfy the requirements of the CAS programme, students are required to demonstrate that they have met 8 key learning outcomes. In order to demonstrate the outcomes, students are required to submit reflections as part of a CAS journal, complete a CAS project, and attend three compulsory interviews with the CAS Coordinator at UNIS during the CAS DP.

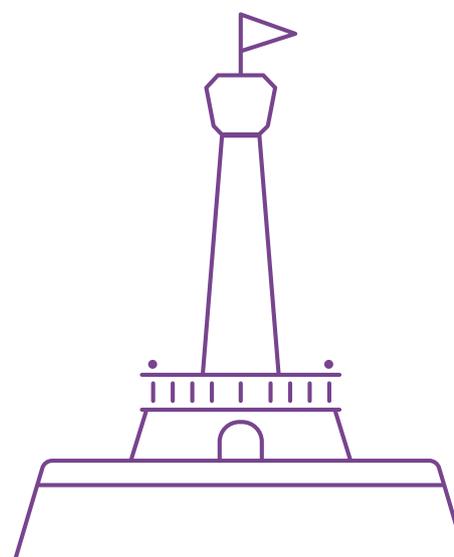
Creativity, Action and Service (CAS)

Creativity, Action, Service (CAS) is at the heart of the Diploma Programme (DP). It is one of the three essential elements in every student's DP experience. It involves students in a range of activities alongside their academic studies throughout the DP. The three strands of CAS are characterised as follows:

Creativity: arts and other experiences that involve creative thinking.

Action: physical exertion contributing to a healthy lifestyle, complementing academic work elsewhere in the DP.

Service: an unpaid and voluntary exchange that has a learning benefit. In Grades 11 – 12, students must choose to participate in a minimum of one UNIS SERVICE LEARNING (SL) activity, one ACTION activity, and one CREATIVITY activity, and continue their activities for the duration of the CAS programme.





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