

IB Number	International Baccalaureate Exams	(CEEB 9222X: IB Score Requirement)	Credits	ESU Equivalent Course	Attributes	SL-Stands	Course Description
Group 1: Language & Literature							
IB 0161	Language A: Literature		7-Apr	3 ENGL 163: GN: The Study of Literature	AEL, C, G, I	SL,HL	The course is organized into three areas of exploration and seven central concepts, and focuses on the study of literary works. Together, the three areas of exploration of the course add up to a comprehensive exploration of literature from a variety of cultures, literary forms and periods. Students learn to appreciate the artistry of literature, and develop the ability to reflect critically on their readings, assessing literary analysis carefully through both oral and written communication. Literature course develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. In language A: literature, the formal analysis of texts and wide coverage of a variety of literature—both in the language of the subject and in translated texts from other cultural domains—is combined with a study of the way literary conventions shape responses to texts.
IB 0641	English A: Literature HL	5-7 Scores		6 ENGL 103 English Composition	ENGL 162: HJEN, AEL, C	ENGL 103: ENGLISH COMP REQUIREMENT I	The course is organized into three areas of exploration and seven central concepts, and focuses on the study of both literary or non-literary texts. Together, the three areas of exploration of the course allow the student to explore the language A in a question through its cultural development and use, its media forms and functions, and its literature. Students develop skills in literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.
IB 0651	English B: HL	4-7 Scores		3 ENGL 162: GN: Intro Literary Analysis and Interpretation	ENGL 162: HJEN, AEL, C		The course is organized into three parts, each focused on a different aspect of literature and performance. Together, the three parts of the course cover the critical study of literary texts, the exploration of chosen approaches to a text, and the realization of texts in performance. Students engage with a wide variety of textual genres to evaluate the concept of transformation, examining the ways in which the contents of production and reception shape meaning.
IB 0171	Language A: Language and Literature		7-May	6 ENGL 103 English Composition	ENGL 162: HJEN, AEL, C	SL	The Diploma Programme course in classical languages provides opportunities for students to explore the languages, literatures and cultures of ancient Rome and Greece. The course is designed to enable students to study classical languages in higher education, and also welcome those students who seek to develop an awareness and appreciation of the different perspectives of people from classical cultures through the study of texts in the original language.
IB 0181	Literature and Performance		7-Apr	3 ENGL 103 English Composition	ENGL 162: HJEN, AEL, C	SL,HL	The Diploma Programme course in classical languages provides opportunities for students to explore the languages, literatures and cultures of ancient Rome and Greece. The course is designed to enable students to study classical languages in higher education, and also welcome those students who seek to develop an awareness and appreciation of the different perspectives of people from classical cultures through the study of texts in the original language.
IB 0291	Classical Language: Latin HL		7-May	6 MLN 116: GN: Latin I	AML,C,G,HJFL	SL,HL	The Diploma Programme course in classical languages provides opportunities for students to explore the languages, literatures and cultures of ancient Rome and Greece. The course is designed to enable students to study classical languages in higher education, and also welcome those students who seek to develop an awareness and appreciation of the different perspectives of people from classical cultures through the study of texts in the original language.
IB 0421	Classical Language: Greek (Ancient Greek) HL		7-May	6 MLN 199: GN: Elementary Ancient Greek	AML,C,G,HJFL	SL,HL	The Diploma Programme course in classical languages provides opportunities for students to explore the languages, literatures and cultures of ancient Rome and Greece. The course is designed to enable students to study classical languages in higher education, and also welcome those students who seek to develop an awareness and appreciation of the different perspectives of people from classical cultures through the study of texts in the original language.
IB 0382	Mandarin ab Initio-Foreign Languages For Beginners		7-May	6 MCH 199: GN: Elementary Chinese	AML, C, G, HJFL	SL	Mandarin ab initio is an innovative course for students with no previous formal experience of learning Mandarin. It will enable them to communicate with people from a new culture and make a success of their time spent in a part of the world where Mandarin is commonly spoken.
IB 0383	French ab Initio-Foreign Languages For Beginners		7-May	6 MFR 116: GN: French I	AML, C, G, HJFL	SL	French ab initio is recommended for students who have little or no experience of learning French. Our online course is designed to be challenging, engaging and a positive educational experience for each student. Taking French ab initio online will enable students to develop their receptive, productive and interactive skills.
IB 0384	Spanish ab Initio-Foreign Languages For Beginners		7-May	6 MSP 199: Spanish AB		SL	Spanish ab initio is a course for students with no previous formal experience of learning Spanish. It will enable them to communicate with people from a new culture and make the most of any time they spend in Spain and Latin America.
Language B							
IB 0211	French B: HL		7-May	6 MFR 299: GN: Intermediate French	ADVO, AML, C, G	HL	Students develop the ability to communicate in the target language through the study of language, themes and texts. In doing so, they also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course (and beyond those for language ab initio). The language B syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Optional recommended topics and possible questions for each theme are presented in the guide, but are not prescribed.
IB 0251	German B: HL		7-May	6 MGR 299: Intermediate German	ADVO, AML, C, G	HL	Students develop the ability to communicate in the target language through the study of language, themes and texts. In doing so, they also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course (and beyond those for language ab initio). The language B syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Optional recommended topics and possible questions for each theme are presented in the guide, but are not prescribed.
IB 0431	Italian B: HL		7-May	6 MIT 299: GN: Intermediate Italian	ADVO, AML, C, G	HL	Students develop the ability to communicate in the target language through the study of language, themes and texts. In doing so, they also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course (and beyond those for language ab initio). The language B syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Optional recommended topics and possible questions for each theme are presented in the guide, but are not prescribed.
IB 0381	Spanish B: HL		7-May	6 MSP 299: GN: Intermediate Spanish	ADVO, AML, C, G	HL	Students develop the ability to communicate in the target language through the study of language, themes and texts. In doing so, they also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course (and beyond those for language ab initio). The language B syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Optional recommended topics and possible questions for each theme are presented in the guide, but are not prescribed.
IB 0441	Portuguese B: HL		7-May	6 MPP 299: GN: Intermediate Portuguese	ADVO, AML, C, G	HL	Students develop the ability to communicate in the target language through the study of language, themes and texts. In doing so, they also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course (and beyond those for language ab initio). The language B syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Optional recommended topics and possible questions for each theme are presented in the guide, but are not prescribed.
Group 3: Individuals and Societies							
IB 0111	Business Management		7-Apr	3 MGT 200 Principles of Management	none		Students learn to analyse, discuss and evaluate business activities at local, national and international levels. The course covers a range of organizations from all sectors, as well as the socio-cultural and economic contexts in which those organizations operate. The course covers the characteristics of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. The course encourages the appreciation of ethical concerns at both a local and global level. It aims to develop relevant and transferable skills, including the ability to think critically.
IB 0151	Economics		7-Apr	6 ECON 111 GN: Principles of Macroeconomics	ECON 111: SSEC, CEC, G	ECON 112: SSEC, CEC, G	Students make ethically sound and well-informed decisions, appreciate the pace, value and significance of change, think strategically, and undertake long-term planning, analysis and evaluation. The course also develops subject-specific skills, such as financial analysis.
IB 0221	Geography		7-Apr	3 GEO5 135 GN: World Regional Geography	SSE, CSE, G		Allows students to develop an understanding of the complexities and interdependence of economic activities in a rapidly changing world.
IB 0222	Global Politics		7-Apr	3 POLS 117 GN: Intro Global Politics	CPS, G, SSPS		Interests both physical and human geography, and ensures that students acquire elements of both scientific and socio-economic methodologies. Examines key global issues, such as poverty, sustainability, and climate change.
IB 0251	History		7-Apr	3 HIST 113 GN: World History since 1500	SSH, OHL, G		Explores fundamental political concepts such as power, equality, sustainability, and peace. Allows students to develop an understanding of the local, national, international, and global dimensions of political activity.
IB 0451	History		7-Apr	3 HIST 113 GN: World History since 1500	SSH, OHL, G		A world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation, and significance. Involves the study of a variety of types of history, including political, economic, social, and cultural.
IB 0271	Information Technology in Global Society		7-May	3 CPSC 103 GN: Intro to Information Technology	NCS, BCS		Framework uses an integrated approach, encouraging students to make informed judgments and decisions about the role of information and communication technologies in contemporary society. Based on three interconnected strands: social and ethical significance, application to specified scenarios, and IT systems.
IB 0321	Philosophy (HL)		7-Apr	3 PHIL 110 GN: Intro to Philosophy	HURP, APH, C		A systematic critical inquiry into profound, fascinating, and challenging questions such as: What is it to be human? Do we have free will? What do we mean when we say something is right or wrong?
IB 0341	Psychology		7-Apr	3 PSY 101 GN: Intro to Psychology	NSPY, BPS		Systematic study of behavior and mental processes. Examines the interaction of biological, cognitive, and sociocultural influences on human behavior.
IB 0351	Social and Cultural Anthropology		7-Apr	3 SOC 102 GN: Intro Cultural Diversity	SBSO, CSO, G		Offers an opportunity for students to explore and understand humankind in all its diversity through the comparative study of cultures and human societies. Contributes to an understanding of contemporary issues, such as war and conflict, the environment, poverty, inequality, and human and cultural rights.
IB 0361	World Religions		7-Apr	3 PHIL 100 GN: Intro to Religion	APH, G, HURP		A systematic, analytical, yet empathetic study of the variety of beliefs and practices encountered in nine main religions of the world. Seeks to promote an awareness of religious issues in the contemporary world by requiring the study of a diverse range of religions.
Group 4: Sciences							
IB 0101	Biology		7-May	4 BIOL 114 GN: Introduction/Biology I	NSBI, BBI		Biotologists investigate 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. At the other end of the scale biologists investigate the interactions that make whole ecosystems function.
IB 0121	Chemistry		7-May	4 CHEM 121 GN: General Chemistry I	C CHEM 121: NSCH, BCH	CHEM 123: NSCH, BCH	Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills.
IB 0131	Computer Science		7-May	6 CPSC 135 GN: Intro to Computer Programming I	CPSC 130, NSCS, BCS	CPSC 131, NSCS	A rigorous and practical problem-solving discipline. Computational thinking lies at the heart of the course and is integrated with other topics. This will be supported by practical activities including programming.
IB 0141	Design Technology		7-May	3 CPSC 289: Design Technology			Aims to develop internationally minded people whose enhanced understanding of design and the technological world can facilitate our shared quest towards a better world. Focuses on analysis, design development, synthesis, and evaluation.
IB 0334	Environmental Systems and Societies		7-Apr	3 BIOL 210 GE: Environmental Biology			Students will be provided with a coherent presentation of the interrelationships between environmental systems and societies, one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face.
IB 0331	Physics		7-May	8 PHYS 131 GN: Fundamentals Physics I	NSBI		The most fundamental of the experimental sciences, as it seeks to explain the universe itself from the very smallest particles to the vast distances between galaxies.
IB 0631	Sports, Exercise & Health Science		7-Apr	4 EXSC 100 Intro to Exercise Science	PHYS 131: NSPH, BPH	PHYS 132: NSPH, ADV	Incorporates the disciplines of anatomy and physiology, biomechanics, psychology, and nutrition, which are studied in the context of sport, exercise, and health.
Group 5: Mathematics							
Having followed the mathematics higher level course, students will be expected to demonstrate the following: Knowledge and understanding: recall, select and use knowledge of mathematical facts, concepts and techniques in a variety of familiar and unfamiliar contexts. Problem-solving: recall, select and use their knowledge of mathematical skills, results and models in both real and abstract contexts to solve problems. Communication and interpretation: transform common realistic contexts into mathematical; comment on the context, sketch or draw mathematical diagrams, graphs or constructions both on paper and using technology; record methods, solutions and conclusions using standardized notation. Technology: use technology, accurately, appropriately and efficiently both to explore new ideas and to solve problems. Reasoning: construct mathematical arguments through use of precise statements, logical deduction and inference, and by the manipulation of mathematical expressions. Inquiry approaches: investigate unfamiliar situations, both abstract and real-world. Involve oratorio and analysis information, making conjectures, drawing conclusions and testing their validity (course includes: Algebra, Functions and Equations, Circular Functions and Trigonometry, Vectors, Statistics and Probability, Calculus)							
IB 0301	Mathematics (HL)		7-Apr	3 MATH 135 GN: Pre-Calculus	NSMA, BMA		The IB DP mathematics standard level (SL) course focuses on important interconnected mathematical topics. The syllabus focuses on placing more emphasis on student understanding of fundamental concepts than on symbolic manipulation and complex manipulative skills, giving greater emphasis to developing students' mathematical reasoning rather than performing routine operations; solving mathematical problems embedded in a wide range of contexts, using the calculator effectively. There is an emphasis on applications of mathematics and statistical techniques. It is designed to offer students with varied mathematical backgrounds and abilities the opportunity to learn important concepts and techniques, and to gain an understanding of a wide variety of mathematical topics, preparing them to solve problems in a variety of settings, develop more sophisticated mathematical reasoning and enhance their critical thinking (course includes: Numbers and Algebra, Descriptive Statistics, Sets, Vectors, and Probability, Statistical Association, Geometry and Trigonometry, Mathematical Models, Introduction to Different Calculus)
IB 0302	Mathematics Studies (SL)		7-Apr	3 Math 299 Mathematics Studies	none		The IB DP mathematics standard level (SL) course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensive and coherent way, rather than missing on the mathematical rigor required for mathematics HL. Students should, wherever possible, apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context. (course includes: Algebra, Functions and Equations, Circular Functions and Trigonometry, Vectors)
IB 0303	Mathematics (SL)		7-Apr	3 Math 199 GE: Mathematics	NSMA		The IB DP further mathematics higher level (HL) course caters for students with a very strong background in mathematics who have attained a high degree of competence in a range of analytical and technical skills, and who display considerable interest in the subject. The nature of the subject is such that it focuses on different branches of mathematics to encourage students to appreciate the diversity of the subject. Students should be equipped at this stage in their mathematical progress to begin to form an overview of the characteristics that are common to all mathematical thinking, independent of topic or branch. (course includes: Linear algebra, Geometry, Statistics and Probability, Sets, Relations and Groups, Calculus, Discrete Mathematics.)
IB 0304	Further Mathematics (HL)		7-Apr	3 MATH 199: GE: Future Mathematics (HL)			The IB DP further mathematics higher level (HL) course caters for students with a very strong background in mathematics who have attained a high degree of competence in a range of analytical and technical skills, and who display considerable interest in the subject. The nature of the subject is such that it focuses on different branches of mathematics to encourage students to appreciate the diversity of the subject. Students should be equipped at this stage in their mathematical progress to begin to form an overview of the characteristics that are common to all mathematical thinking, independent of topic or branch. (course includes: Linear algebra, Geometry, Statistics and Probability, Sets, Relations and Groups, Calculus, Discrete Mathematics.)
IB 0601	Further Mathematics (HL)		7-Apr	3 MATH 199: GE: Future Mathematics (HL)			The IB DP further mathematics higher level (HL) course caters for students with a very strong background in mathematics who have attained a high degree of competence in a range of analytical and technical skills, and who display considerable interest in the subject. The nature of the subject is such that it focuses on different branches of mathematics to encourage students to appreciate the diversity of the subject. Students should be equipped at this stage in their mathematical progress to begin to form an overview of the characteristics that are common to all mathematical thinking, independent of topic or branch. (course includes: Linear algebra, Geometry, Statistics and Probability, Sets, Relations and Groups, Calculus, Discrete Mathematics.)
Group 6: The Arts							
IB 0621	Dance		7-Apr	3 DANC 115	AFA, A	SL,HL	The course focuses on the composition, performance and analysis of dance, of "expressive movement," which is practiced amongst peoples of various backgrounds, and for a variety of purposes, throughout the world. Students create, participate in, and reflect upon dance forms and styles from a range of cultures and traditions, both familiar and unfamiliar.
IB 0181	Music		7-Apr	3 ENGL 299: Literature & Performance			Aims to develop students as ardent listeners 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 broader perspectives in film.
IB 0311	Visual Arts		7-Apr	3 MUS 160	HUFA, AFA, A	SL,HL	Students develop their knowledge and potential as musicians: both personally and collaboratively. Encourages students to form, share, and function of music from a wide range of historical and socio-cultural contexts.
IB 0391	Theatre Arts		7-Apr	3 THTR 100	HUFA, AFA, A	SL,HL	Encourages discovery through experimentation, the taking of risks, and the presentation of ideas to others. Gives students the opportunity to make theatre as creators, designers, directors, and performers. Emphasizes the importance of working both individually and collaboratively as part of an ensemble.
IB 0411	Visual Arts	4-7 Scores		3 ART 201	HUFA, AFA, A	SL,HL	Encourages students to challenge their own creative and cultural expectations and boundaries. A thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as self-artists.