

Grade 12 Program Information

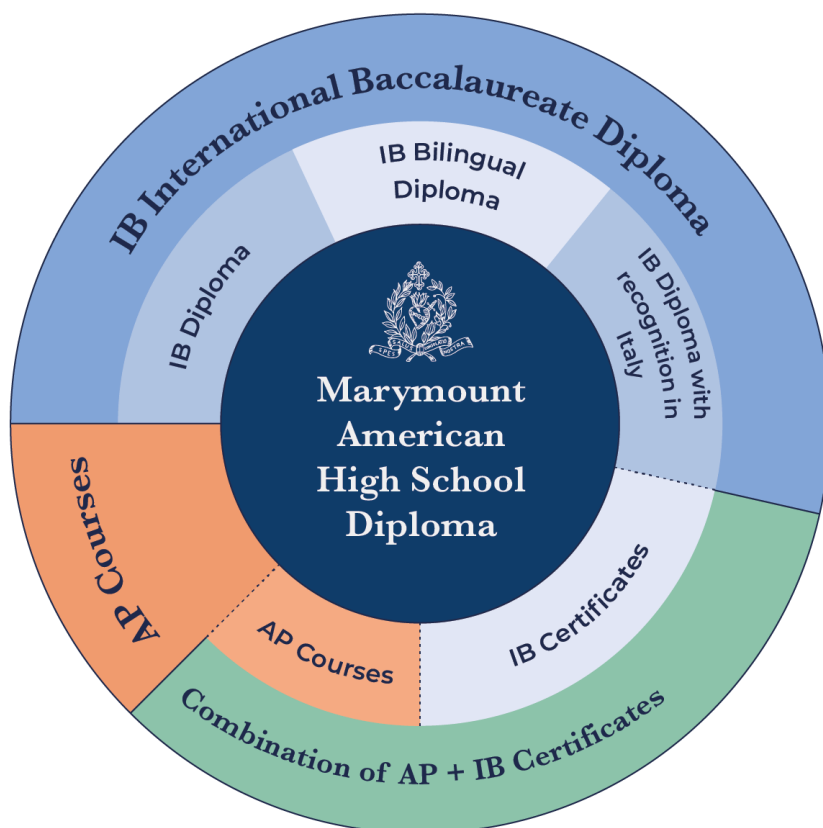
All students who graduate from Marymount International School will obtain a Marymount American High School Diploma, by following a program of studies in English, Modern or Classical Languages, Mathematics, Fine Arts, Physical Education, Science, Social Studies, and Religious Studies. Students may register for the course offerings each year to meet the yearly and graduation requirements.

Diploma Options

Diploma Options			
All students earn a Marymount American High School Diploma	IB Diploma IB Certificates	AP Courses	AP Courses & IB Certificates

Marymount American High School Diploma Subjects and Credits

English 4 credits	Fine Arts 1 credit
Individuals and Societies 3 credits	Physical Education 1 credit required in Grades 9-10 (0.5 each year)
Mathematics 3 credits	Modern Language 4 credits or 1 credit each year at Marymount
Science 3 credits including 1 year of a Lab Science	Religious Education 2 credits required each year in Grades 9 through 12 at Marymount (0.5 per year)
Service Learning *	2 credits required Half-credit each year in attendance at Marymount (0.5 per year)



*Completion of CAS for Grades 12 B Diploma students fulfills the requirement.

Secondary School students are guided by the Secondary School Principal, Academic Assistant Principal, School's College Counselor, the International Baccalaureate (IB) Coordinator, the Advanced Placement (AP) Coordinator, and teachers from across the various departments to select courses that are appropriate to their own academic needs. Marymount also offers support and resources to students who would benefit from Enrichment opportunities or who may need English Language Learning or Learning Support.

IB Diploma

Marymount has offered the IB program since 1985, placing it as one of Rome's first schools to implement this program. The International Baccalaureate (IB) is a two-year pre-university program of study designed to meet the needs of students in international schools throughout the world. Those who wish to pursue an IB diploma or IB subject certificates should be prepared to follow a highly demanding program in Grades 11 and 12 that includes the study of languages, individuals and societies, experimental sciences, math, and the arts.

In order to receive the IB Diploma, students will sit for examinations in six subject areas at the conclusion of Grade 12 as well as follow a course in Theory of Knowledge, the focus of which is to demonstrate the interdependence of various subjects. Lastly, students must also submit an Extended Essay and participate in creativity, activity, and service (CAS) programs.

More than half of all IB candidates worldwide are from the USA, where IB classes can make college applications stronger and may offer the opportunity to receive university credit. The IB also prepares students for admission to colleges and universities from countries worldwide, including the UK and Italy, where Marymount's IB Program is recognized by the Ministry of Public Instruction for entrance to Italian universities.

Subject Areas

The IB Diploma candidate studies and takes exams in six subjects, one from each of the categories listed below (three at Higher Level, three at Standard Level) as well as a course in Theory of Knowledge and complete CAS (Creativity, Activity and Service).

**Available on request*

*** Subject to sufficient student interest*

Group 1: Language A: English Literature or English Language and Literature, Italian Language and Literature, French Literature**, Arabic Literature*, Chinese Literature**, Russian Literature*, Dutch Language and Literature*

Group 2: Second Language: English, Italian, Italian *ab-initio*, French, Spanish, Arabic**, German**, Chinese**, Russian, Classical Greek**, Latin**.

Group 3: Individuals & Societies: Business Management (via Pamoja), Economics, History, Psychology, Environmental Systems and Societies.

Group 4: Experimental Sciences: Biology, Chemistry, Physics, Environmental Systems and Societies.

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

Group 6: The Arts: Visual Art, Music and Theater Arts (or students may substitute the Group 6 subject with a subject from Groups 2, 3, or 4)



Bilingual Diploma

A bilingual IB diploma is awarded to a successful candidate who fulfills one or more of the following criteria:

- Completion of two A languages (with the award of a score of 3 or higher in both)
- Completion of one of the subjects from group 3 or group 4 in a language that is not the same as the candidate's group 1 language. The candidate must attain a grade 3 or higher in both the group 1 language and the subject from group 3 or 4
- Completion of an Extended Essay in a Group 3 or Group 4 subject written in a language other than the candidate's Group 1 language.

IB DIPLOMA RECOGNITION IN ITALY

Liceo Classico	Liceo Linguistico	Liceo Scientifico	Liceo Scienze Umane
Prima Lingua	Prima Lingua HL	Prima Lingua	Prima Lingua
Lingua Latina HL	Seconda Lingua	Seconda Lingua	Seconda Lingua
Storia o Economia o Psicologia	Storia o Economia o Psicologia	Storia o Economia o Psicologia	Storia o Psicologia HL
Chimica o Fisica o Biologia o Informatica o Scienze Ambientali	Chimica o Fisica o Biologia o Informatica o Scienze Ambientali	Chimica o Fisica o Biologia	Chimica o Fisica o Biologia o Informatica o Scienze Ambientali
Matematica	Matematica	Matematica HL	Matematica
Lingua Greca	Terza Lingua	Chimica o Biologia o Scienze Ambientali Informatica o Arte	Storia o Economia o Psicologia o Arte

AP Courses

The Advanced Placement program at Marymount provides students with access to college-level courses while they are still in High School.

Students in AP courses will extend their learning considerably and, upon successful performance on the examinations, can earn them college credit and placement.

While the Advanced Placement is a program run by the College Board, Marymount students will complete the course(s) and take the final examination(s) at School in the month of May.

AP COURSES OFFERED 2025-2026

AP ENGLISH LANGUAGE AND COMPOSITION

AP WORLD HISTORY

AP BIOLOGY

AP SPANISH LANGUAGE AND CULTURE (School Supported Self-Taught)

AP Course can also be used to obtain "equipollenza" of the American High School Diploma to an Italian Maturità provided that the student has earned a grade of 3 out of 5 in at least three AP courses in the last two years of High School.

Grade 11 and 12 Courses

* Available on request - ** Subject to sufficient student interest

SUBJECT AREAS	GRADE 11			GRADE 12		
Language and Literature	HS -HS General English	IB -IB English A Lit. -IB Eng. A Lang & Lit -IB Arabic A Lit* -IB Dutch Lang & Lit* -IB French A Lit** -IB Italian A Lang & Lit -IB Russian A Lit* -IB Chinese Literature* -IB School -supported Self -Taught Language A (SL only)	AP -AP English Language and Composition	HS -HS General English	IB -IB English A Lit. -IB Eng. A Lang & Lit -IB Arabic A Lit* -IB Dutch Lang & Lit* -IB French A Lit** -IB Italian A Lang & Lit -IB Russian A Lit* -IB Chinese Literature* -IB School -supported Self -Taught Language A (SL only)	AP -AP English Language and Composition
Language Acquisition	HS -HS Arabic -HS Chinese -English ELL -HS French -HS German -HS Italian -HS Spanish -Latin	IB -IB Arabic B** -IB Chinese B** -IB English B -IB French B -IB German B** -IB Italian B -IB Italian <i>ab-initio</i> -IB Latin** -IB Classical Greek** -IB Spanish B	AP -AP Spanish Language and Culture	HS HS Arabic HS Chinese English ELL HS French HS German HS Italian HS Spanish Latin	IB -IB Arabic B** -IB Chinese B** -IB English B -IB French B -IB German B** -IB Italian B -IB Italian <i>ab-initio</i> -IB Latin** -IB Classical Greek** -IB Spanish B	AP -AP Spanish Language and Culture
Mathematics Sciences and Technology	HS -Algebra 1 -Geometry -Algebra 2 -Algebra 2 & Trigonometry -Geometry -Numerical Methods -Biology -Physical Sciences -Chemistry -Physics	IB -IB Mathematical Analysis and Approaches -IB Mathematical Applications and Interpretation SL -IB Biology -IB Chemistry -IB Physics -IB Environmental Systems and Societies (only SL) -IB Computer Science**	AP -AP Environmental Science	HS -Algebra 1 -Geometry -Algebra 2 -Algebra 2 & Trigonometry -Geometry -Numerical Methods -Biology -Physical Sciences -Chemistry -Physics	IB -IB Mathematical Analysis and Approaches -IB Mathematical Applications and Interpretation SL -IB Biology -IB Chemistry -IB Physics -IB Environmental Systems and Societies (only SL) -IB Computer Science**	AP -AP Biology
Elective Courses:	-Programming Languages, -HS Computers 2 A large selection of online elective semester courses are offered Semester Course Catalogue* *select the option and you will be contacted by our GOA coordinator ** typically selected by non-IB students					
Individuals and Societies	HS -World History 1 -World History 2 -Philosophy -Religious Education	IB -IB Business Management via Pamoja -IB Economics -IB Environmental Systems and Societies -IB History -IB Psychology	AP -AP US Government and Politics	HS -World History 1 -World History 2 -Philosophy -Religious Education	IB -IB Business Management via Pamoja -IB Economics -IB Environmental Systems and Societies -IB History -IB Psychology	AP -AP World History
Elective Courses:	MUN, Public Speaking A large selection of online elective semester courses are offered Semester Course Catalogue* *select the option and you will be contacted by our GOA coordinator					
Arts	HS -Art History -Animation -Graphic Design -2D Design -HS Drama -HS Band -HS Choir -Music Production	IB -IB Music** -IB Theater Arts** -IB Visual Arts		HS -Art History -Animation -Graphic Design -2D Design -HS Drama -HS Band -HS Choir -Music Production	IB -IB Music** -IB Theater Arts** -IB Visual Arts	
Sports and Wellbeing	Advisory, ATL Assemblies, Varsity					
Enrichment	Personalized Enrichment Programs, Enrichment Trips, Marymount Talks, Athletic Enrichment Plans, Leadership Opportunities, After School Activities, ATL Assemblies, Secondary School Student Led Assemblies, College Counseling					
Service	House System Service Opportunities, Student Clubs					
Support	Individualized Learning Plans, Study Skills , ELL Support					

COURSE CATALOGUE LANGUAGE AND LITERATURE

AP ENGLISH LANGUAGE AND COMPOSITION - (Credit: 1)

In this course, the equivalent of an introductory college-level survey class, students are immersed in novels, plays, poems, and short stories from various periods. Students read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and discussions. The course places special emphasis on reading comprehension, structural and critical analyses of written works, literary vocabulary, and recognizing and understanding literary devices. Students prepare for the AP Exam and for further study in creative writing, communications, journalism, literature, and composition.

IB ARABIC A LITERATURE SL & HL Year 2 (Credit: 1)

The A language course should be taken in the student's best language. The focus is to develop students' skills in both critical reading and textual analysis of literary works. The model for Language A: Literature is the same at SL and HL. The major difference between Higher Level and Standard Level is the number of literary texts studied and the degree of sophistication required in expression and analytical skills. At Standard Level students study 10 works of literature and at HL students study 13 works of Literature. Fluency in the language is essential for success in this course at Higher Level. Texts studied include poetry, drama, short stories and novels originally written in Arabic as well as Literature in Translation.

IB CHINESE A LITERATURE SL & HL Year 2 (Credit: 1)

This course completes preparation for Chinese A: Literature. The A language course should be taken in the student's best language. The focus is to develop students' skills in both critical reading and textual analysis of literary works. The model for Language A: Literature is the same at SL and HL. The major difference between Higher Level and Standard Level is the number of literary texts studied and the degree of sophistication required in expression and analytical skills. At Standard Level students study 10 works of literature and at Higher Level students study 13 works of Literature. Fluency in the language is essential for success in this course at Higher Level. Texts studied include poetry, drama, short stories and novels originally written in Chinese as well as Literature in Translation.



IB ENGLISH A: LITERATURE SL & HL - Year 2 (Credit: 1)

Prerequisite: IB LITERATURE SL or HL Year 1

This course completes preparation for the IB English A Literature examinations at Standard and Higher levels. Students have acquired skills to analyze literary and non-literary texts from a variety of cultural and historical backgrounds and have developed an understanding of the ways in which literature is a voice of human experience. Texts studied include poetry, drama, short stories and novels originally written in English as well as Literature in Translation.

IB ENGLISH A: LANGUAGE AND LITERATURE SL & HL Year 2

(Credit: 1) Prerequisite: IB LAL SL or HL Year 1

This course completes preparation for the IB English Language and Literature examinations at both Standard and Higher Levels. Students have acquired skills to analyze literary and non-literary texts from a variety of cultural and historical backgrounds and have developed an understanding that texts, both literary and non-literary, can be seen as autonomous yet simultaneously related to culturally determined reading practices.

IB ITALIAN A LANGUAGE AND LITERATURE SL & HL - Year 2 (Credit: 1)

Prerequisite: Knowledge of the Italian language as a first language, ability to analyze both literary and non literary texts. Italian Literature 9 & 10 recommended.

This course completes preparation for Italian A: Language and Literature. The focus of this course is to develop critical reading and textual analysis of literary and non literary works. Language A language and literature comprises four parts: two relate to the study of language (language in a cultural context and language and mass communication) and two to the study of literature. The study of texts, both literary and non literary, provides a focus for developing an understanding of how language works to create meanings in a culture, as well as in particular texts. The model for language A: language and literature is the same at SL and HL, but there are significant quantitative and qualitative differences between the levels. In the literature sections the number of texts prescribed is greater at Higher level than at Standard level. In the language section students are generally expected to cover many more texts of all kinds at Higher Level than at Standard Level.

HS ENGLISH - (Credit: 1)

Students in this course continue their study of literature and strengthen their ability to express themselves both orally and in written composition. They deepen their abilities in literary analysis and are encouraged to read and think critically. Grammar concepts are applied in a variety of writing exercises and vocabulary study continues to be a major focus of the curriculum. Literary study includes a close examination of short stories, poetry, novels, and drama. Class discussions and written work reinforce students' understanding of basic literary concepts and encourage a deeper appreciation of literature.



IB FRENCH A LITERATURE SL & HL Year 1 (Credit: 1)

The A language course should be taken in the student's best language. The focus is to develop students' skills in both critical reading and textual analysis of literary works. The model for Language A: Literature is the same at SL and HL. The major difference between Higher Level and Standard Level is the number of literary texts studied and the degree of sophistication required in expression and analytical skills. At Standard Level students study 10 works of literature and at HL students study 13 works of Literature. Fluency in the language is essential for success in this course at Higher Level. Texts studied include poetry, drama, short stories and novels originally written in Chinese as well as Literature in Translation.

IB RUSSIAN A LITERATURE SL & HL Year 1 (Credit: 1)- upon request

The A language course should be taken in the student's best language. The focus is to develop students' skills in both critical reading and textual analysis of literary works. The model for Language A: Literature is the same at SL and HL. The major difference between Higher Level and Standard Level is the number of literary texts studied and the degree of sophistication required in expression and analytical skills. At Standard Level students study 10 works of literature and at HL students study 13 works of Literature. Fluency in the language is essential for success in this course at Higher Level. Texts studied include poetry, drama, short stories and novels originally written in Russian as well as Literature in Translation.

IB SCHOOL-SUPPORTED SELF-TAUGHT LANGUAGES - SL ONLY (Credit: 1)

This course is part of the studies in language and literature group and offers a unique opportunity to study the literature of a mother tongue language that may not be offered at the school, as a school-supported self-taught student. The course is similar in content and concepts to standard level literature courses in the language A group. A certain level of autonomy is expected from students who will be asked to develop a list of literary works and a timeline. Students will also be expected to autonomously administer the 150 hours required for the study of the course, with the supervision of a teacher-mentor. This subject can only be taken at standard level.

LANGUAGE ACQUISITION

AP SPANISH LANGUAGE AND CULTURE- (Credit: 1)

Prerequisite: 4 years previous study of the language

The AP Spanish Language and Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP Spanish Language and Culture course prepares students for the AP® Spanish Language and Culture exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive, and Presentational) as defined in the Standards for Foreign Language Learning in the twenty-first century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. The course may be face-to-face or for school-supported independent study.

ENGLISH LANGUAGE LEARNERS

ELL (Credit: 1)

The High School ELL program is designed to improve students' use of English, and help implement the use of the English language to then access the regular school curriculum in all subject areas. Our School uses the WIDA assessment as an English proficiency screener to accurately place students and monitor their English language development. Students' placement in ELL is determined by their WIDA assessment, previous school records, and teacher input.

The aims of the ELL program are to enable students to:

- Demonstrate English proficiency through basic interpersonal communication.
- Demonstrate English proficiency through cognitive academic language development in all school subjects including Language Arts, Mathematics, the Sciences, and Social Studies.
- Demonstrate English proficiency in socially and culturally appropriate ways.

Grades 9 - 12 (Credit: 1) Students have the choice of Arabic, Chinese, French, German, Italian, or Spanish. Different levels are offered - please check the Course Selection page.

Level I: This course acquaints the student with basic vocabulary, grammar and some aspects of civilization through the use of a text, audio material and, in the second semester, of a reader. Upon completion the student will be able to use the four language skills (listening, speaking, reading and writing) in real life situations with emphasis on functional expressions.

Level II: This course develops the fundamental skills of learning a second language with an emphasis on oral communication, both listening comprehension and speaking. Students also acquire reading and writing skills, and grammar patterns are presented formally but are practiced in functional situations.

Level III: This course reviews, reinforces, and extends grammar through intensive oral and written activities. The emphasis here is placed on reading, analyzing and developing spontaneity in the use of language skills. Students read at least a short story per semester or a collection of short stories to increase their vocabulary and analytical skills. Essay writing is introduced.

Level IV: This course sharpens previously acquired language oral and written skills through presentations, essay writing and grammar review, the literary tense is introduced. Students learn to appreciate the culture of the second language by becoming familiar with writers of that language and are provided with the tools for textual interpretation. A collection of short stories and several excerpts from an anthology are read and analyzed. Vocabulary is studied in context according to themes.

Level V: This course sharpens previously gained language skills through oral presentations, essay writing and grammar review. Students deepen their appreciation of culture and literature by analyzing the work of writers, poets, playwrights and directors being provided with tools for textual and cultural analysis. Magazines, films and newspapers are used for class discussion and vocabulary building.

IB ARABIC B SL & HL - Year 2 (Credit: 1)

Prerequisite: 2 years previous study of the language for SL and 4 years study for HL

This is the second year of the Arabic B course, a language course designed for students with some previous learning of the target language. The main focus is on language acquisition and development of language skills through analysis of the five IB core themes. Language skills are developed through the study and use of a wide range of both written and spoken material. Group work is vital to the course as is the skill of listening. Throughout the course there will be an intensive study of texts (both literary and non-literary), and responses will be oral and written. The material is chosen to develop mastery of language skills and intercultural understanding. The second year of the course attempts to examine the relationship between language and culture in greater depth, while simultaneously preparing for the written examination and the individual oral assessment more intensively than during the first year. Higher level Language B requires an effective operational proficiency and the study of literary texts in the target language.

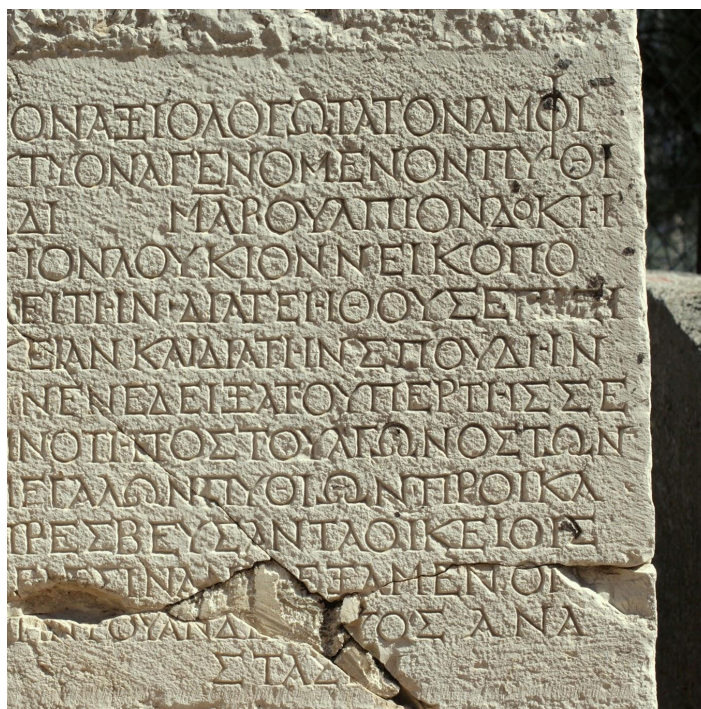
IB CHINESE B SL & HL Year 2 (Credit: 1)

Language B is a language course designed for students with some previous learning of the target language. The main focus is on language acquisition and development of language skills. These skills are developed through the study and use of a wide range of written and spoken material. This material will extend from everyday oral exchanges to literary texts, and is related to the culture concerned. The course revolves around five themes: identities, experiences, human ingenuity, sharing the planet and social organizations. It is also chosen to develop mastery of language skills and intercultural understanding. Higher Level Language B requires an effective operational proficiency as students will be assessed both orally and in writing on Literature.

IB CLASSICAL GREEK SL - Year 2

(Credit: 1) Prerequisite: 1 year previous study of the language for SL

In the second year of IB Greek, students complete their study of the set texts as well as honing their skills in translating unseen passages from the works of Xenophon. Longer passages of Xenophon will be tackled as well as longer written responses that pull together various themes and concepts from the set texts. In addition, students choose a topic to explore for their internally-assessed research dossier. This is a collection of primary sources (literary, historical, archaeological, or artistic) which contribute to the answering of a research question, which is chosen by the individual student and can be based on any aspect of ancient Greek culture that they may choose. As the students approach the end of the course the students will spend more time practicing their exam technique, focusing on the scansion of lines of poetry, essay-writing and the close literary analysis of short passages from the set texts.



IB ENGLISH LANGUAGE B SL & HL - Year 2 (Credit:1)

Prerequisite: IB English B SL or HL Year 1

This is the second year of the IB English Language B course. English Language B is a language course designed for students with some previous learning of the target language. Students follow the higher-level syllabus although they may take the standard level examination after the completion of the two-year program. Like the first year, the main focus is on language acquisition and development of language skills through an examination of the five IB core themes.

Language skills are developed through the study and use of a wide range of both written and spoken material. Group work is vital to the course as is the skill of listening. Throughout the course students will engage in a close reading of a selection of texts (both literary and non-literary), and complete both written and oral responses to their reading. The material is chosen to develop mastery of language skills and intercultural understanding. The second year of the course attempts to examine the relationship between language and culture in greater depth, while simultaneously preparing for the written examination and the individual oral assessment more intensively than during the first year.

IB FRENCH LANGUAGE B SL & HL Year 2 (Credit: 1)**Prerequisite: IB French SL or HL Year 1**

This is the second year of the French B course, language course designed for students with some previous learning of the target language. The main focus is on language acquisition and development of language skills through analysis of the five IB core themes. Language skills are developed through the study and use of a wide range of both written and spoken material. Group work is vital to the course as is the skill of listening. Throughout the course there will be an intensive study of texts (both literary and non-literary), and responses will be oral and written. The material is chosen to develop mastery of language skills and intercultural understanding. The second year of the course attempts to examine the relationship between language and culture in greater depth, while simultaneously preparing for the written examination and the individual oral assessment more intensively than during the first year. Higher level Language B requires an effective operational proficiency and the study of literary texts in the target language.

IB GERMAN B SL & HL - Year 2 (Credit: 1)**Prerequisite: 2 years previous study of the language for SL and 4 years study for HL**

This is the second year of the German B course, a language course designed for students with some previous learning of the target language. The main focus is on language acquisition and development of language skills through analysis of the five IB core themes. Language skills are developed through the study and use of a wide range of both written and spoken material. Group work is vital to the course as is the skill of listening. Throughout the course there will be an intensive study of texts (both literary and non-literary), and responses will be oral and written. The material is chosen to develop mastery of language skills and intercultural understanding. The second year of the course attempts to examine the relationship between language and culture in greater depth, while simultaneously preparing for the written examination and the individual oral assessment more intensively than during the first year. Higher level Language B requires an effective operational proficiency and the study of literary texts in the target language.

IB ITALIAN B SL & HL Year 2 (Credit: 1)**Prerequisite: Italian B SL or HL Year 1**

This is the second year of the Italian B course, language course designed for students with some previous learning of the target language. The main focus is on language acquisition and development of language skills through analysis of the five IB core themes. Language skills are developed through the study and use of a wide range of both written and spoken material. Group work is vital to the course as is the skill of listening. Throughout the course there will be intensive study of texts (both literary and non-literary), and responses will be oral and written. The material is chosen to develop mastery of language skills and intercultural understanding. The second year of the course attempts to examine the relationship between language and culture in greater depth, while simultaneously preparing for the written examination and the individual oral assessment more intensively than during the first year. Language B requires an effective operational proficiency and the study of literary texts in the target language.

IB ITALIAN *ab initio* (SL) - Year 2 (Credit: 1)**Prerequisite: Italian *ab Initio* Year 1**

The *ab initio* language course is designed for students with **little or no prior experience** of the language they wish to study. The main focus is on language acquisition and development of language skills. These skills are developed through the study and use of a wide range of written and spoken material as students explore the five themes from the new IB Diploma Language *ab initio* guide (first examination 2020): identities, experiences, human ingenuity, social organization and sharing the planet. The subject is only offered at Standard Level.

IB LATIN SL & HL - Year 2**(Credit: 1) Prerequisite: 1 year previous study of the language for SL and 2 years study for HL**

In the second year of IB Latin, students complete their study of the set texts as well as honing their skills in translating unseen passages from Ovid's *Metamorphoses*. Longer passages of Ovid will be tackled as well as essays that pull together various themes and concepts from the set texts. In addition, students choose a topic to explore for their internally-assessed research dossier. This is a collection of primary sources (literary, historical, archaeological, or artistic) which contribute to the answering of a research question, which is chosen by the individual student and can be based on any aspect of ancient Roman culture that they may choose. As the students approach the end of the course the students will spend more time practicing their exam technique, focusing on the scansion of lines of poetry, essay-writing and the close literary analysis of short passages from the set texts.

IB SPANISH B HL & SL Year 2 (Credit: 1)

Prerequisite: IB Spanish HL or SL Year 1

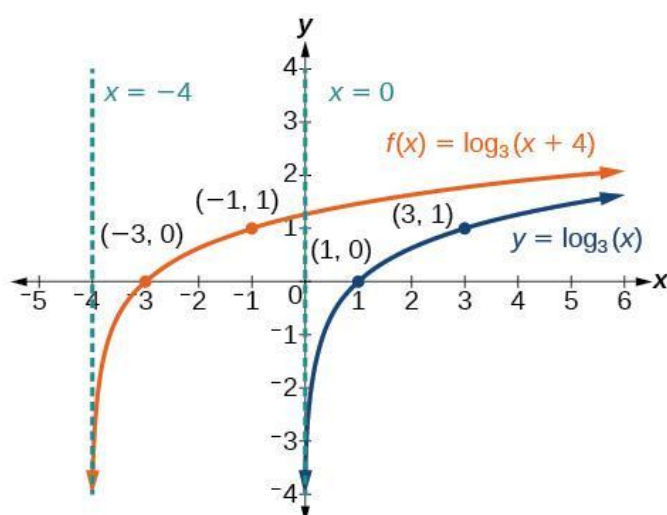
This is the second year of the Spanish B course, language course designed for students with some previous learning of the target language. The main focus is on language acquisition and development of language skills through analysis of the five IB core themes. Language skills are developed through the study and use of a wide range of both written and spoken material. Group work is vital to the course as is the skill of listening. Throughout the course there will be intensive study of texts (both literary and non-literary), and responses will be oral and written. The material is chosen to develop mastery of language skills and intercultural understanding. The second year of the course attempts to examine the relationship between language and culture in greater depth, while simultaneously preparing for the written examination and the individual oral assessment more intensively than during the first year. Higher Level Language B requires an effective operational proficiency and the study of literary texts in the target language.

MATHEMATICS, SCIENCES AND TECHNOLOGY

ALGEBRA II Grades 10-12 (Credit: 1)

Prerequisites: Algebra I & Geometry

This class is less rigorous than Algebra 2 & Trigonometry and is intended for those students who still require further development of their algebraic skills. This course is designed to consolidate algebraic skills and to further develop abilities in problem solving..



ALGEBRA II/TRIGONOMETRY Grades 10-12 (Credit: 1)

Prerequisites: Algebra I, Geometry and Teacher Recommendation

This course is intended as a challenging extension of mathematical concepts and skills acquired in pre-requisite courses. Students will study real numbers and an introduction to complex numbers. The functions studied are: linear, quadratic, trigonometric, exponential, logarithmic, rational and radical functions. An introduction to matrix algebra will be taught.

IB MATHEMATICAL ANALYSIS AND APPROACHES SL Year 2

(Credit: 1) Prerequisites: IB Mathematical Analysis and Approaches SL 1 and Teacher Recommendation

This course completes preparation for IB Mathematical Analysis and Approaches at Standard Level. This two-year course is designed for students who have a strong background using algebraic approaches to solve problems in Mathematics. In this course, students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. There is a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. The topics of study are Algebra, Functions and Equations, Circular Functions and Trigonometry, Statistics, Probability, and Calculus. Naturally, the SL course explores each topic area in less depth and the style of the problem set is less demanding than the HL course.

IB MATHEMATICAL ANALYSIS AND APPROACHES HL Year 2

(Credit: 1) Prerequisites: IB Mathematical Analysis and Approaches HL 1 and Teacher Recommendation

This course completes preparation for IB Mathematical Analysis and Approaches at Higher Level. This two-year course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. It is designed for students with a very strong background in mathematics who are competent in a range of analytical and technical skills. This course requires students to study a broad range of mathematical topics through a number of different approaches and to varying degrees of depth. Core areas of study include:

Algebra, Functions and Equations, Circular Functions and Trigonometry, Vectors, Statistics and Probability, and Calculus.

IB MATHEMATICAL APPLICATIONS AND INTERPRETATION SL YEAR 2

(Credit: 1) Prerequisites: IB Mathematical Applications and Interpretations SL 1

This course completes preparation for IB Mathematical Applications and Interpretation at Standard Level. This is designed for students who enjoy the more practical side of Mathematics. In this course, students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. The course is designed for those students who may find algebraic approaches to Mathematics more challenging and wish to develop strong technology skills. Topics of study are: Number and Algebra, Functions, Geometry and trigonometry, Statistics and probability, Calculus and Financial Mathematics. The subject is offered only at Standard Level.

NUMERICAL METHODS (Credit: 1)

This course provides students with a review of algebraic and arithmetic skills building on Algebra I concepts. Students will improve their use of symbolic, graphical, and numerical methods to solve equations and will be able to analyze different types of equations and choose the appropriate method to solve for the variable. Other topics include linear, quadratic, and exponential functions, inequalities, exponents, polynomials, and factoring quadratic equations. Students will learn to model real-world situations using functions, connecting algebraic skills to everyday situations.

NUMERICAL METHODS AND APPLICATIONS (Credit: 1)

This course will build on algebraic skills, with a particular focus on functions, calculus, finance and statistics. Students will also improve their use of symbolic, graphical, and numerical methods to solve equations and will be able to analyze different types of equations and choose the appropriate method to solve equations. Other topics include linear, quadratic, and exponential functions, inequalities, exponents, polynomials, and quadratic equations. Students will learn to model real-world situations using functions, connecting algebraic skills to everyday situations.

SCIENCES

AP BIOLOGY

Grades 10-12 (1 Credit - Elective)

Pre-requisites: students must have taken at least one year of high school algebra and successfully completed a high school earth science.

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

BIOLOGY

Grades 10-12 (Credit: 1)

This one year course stresses the scientific experimental approach to the major themes in Biology: cell biology, molecular biology, genetics, ecology, evolution and biodiversity, and human physiology. The approach to scientific problems is one of measurement, observation and analysis.

CHEMISTRY

Grades 10-12 (Credit: 1)

This Chemistry one year course delves into the composition of matter and the changes it undergoes. Topics will include atomic structure and bonding, properties of matter, chemical quantities, solutions and solubility, chemical equilibrium, energy transfer in chemical reactions, reaction rates, oxidation and reduction, acids and bases, and organic chemistry. Emphasis will be placed upon self-verification through laboratory experience.



IB BIOLOGY SL & HL Year 2**(Credit: 1) Prerequisite: IB Biology - Year 1**

This course completes preparation for IB Biology at Standard and Higher Level. All students of IB Biology study the core program that includes cell biology, molecular biology, genetics, ecology, evolution and biodiversity, and human physiology. IB Biology students also complement their core study with a deeper study of an option of particular interest in the area of neurobiology and behavior, biotechnology and bioinformatics, ecology and conservation, or human physiology. Students at Higher Level study the additional topics of nucleic acids, metabolism, cell respiration and photosynthesis, plant biology, genetics and evolution, and animal physiology.

IB CHEMISTRY SL & HL Year 2**(Credit: 1) Prerequisite: IB Chemistry Year 1**

This course completes preparation for IB Chemistry. IB Chemistry is an in-depth study of subjects taught in general Chemistry. The chemistry syllabus allows that SL and HL can be taught simultaneously; each topic has an SL component that all students study with extra content covered by students at HL. The emphasis in year 1 is physical chemistry, elementary inorganic chemistry and laboratory & analytical work. Scientific investigation skills, spanning the two-year program, are assessed internally by the teacher and externally by an IB examiner.

IB ENVIRONMENTAL SYSTEMS AND SOCIETIES - Year 2 ONLY SL (Credit: 1)

This course completes preparation for IB Environmental Systems and Societies. Environmental systems and societies (ES&S) is an interdisciplinary group 3 and 4 course that is offered at standard level (SL). The prime intent of the course is to provide students with a coherent perspective of interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues they will inevitably come to face. The teaching approach is such that students are allowed to evaluate the scientific, ethical and socio-political aspects of issues.

IB PHYSICS SL & HL Year 2**(Credit: 1) Prerequisite: IB Physics Year 1**

This course completes preparation for IB Physics. This two-year course prepares students for the IB Physics examination. The course allows students to explore the nature of the universe and its physical laws. Topics of study include Physical Measurement, Mechanics, Thermal Physics, Waves, Electricity & Magnetism, Circular motion & Gravitation, Atomic, Nuclear & Particle Physics, and Energy Production. Topics of study for HL students include Wave Phenomena, Fields, Quantum & Nuclear Physics, and Electromagnetic Induction. Additionally students are required to study the Astrophysics option. Scientific investigation skills, spanning the two-year program, are assessed internally by the teacher and externally by an IB examiner.

PHYSICS**Grades 10-12 (Credit: 1)**

This one year course enables students to explore the main concepts, laws and applications of physics. Topics of study include thermodynamics, waves, electricity & magnetism, mechanics, gravitation, atomic physics and energy production. In parallel students conduct a range of experiments to build lab skills.

PROGRAMMING LANGUAGES- Grade 9-12 (Credit: 1/2 - Elective choice)

This course is designed to introduce the students to computer programming, with a particular emphasis on using Python, consolidating and furthering computer skills which were introduced in Middle School. In addition to coding using Python, an interpreted, high-level, general-purpose language, students will be introduced to Java and other programming languages. The students will gain an extensive background in computing, including basic knowledge of computer hardware components, and programming. This provides vital knowledge and puts computers in their place in our society today- 'the social implications of the computerization of today's world.'

INDIVIDUALS AND SOCIETIES



AP WORLD HISTORY: MODERN - Grade 10-12 (Credit: 1 - Elective Course)

AP World History: Modern is an introductory college-level modern World History course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

IB BUSINESS MANAGEMENT SL & HL - Year 2 (Credit: 1)

This course aims to develop students' theoretical understanding of business management while exposing them to the practical application of theory in the context of business activities. The course explores business ventures in local, national and international contexts. Both Standard Level and Higher Level courses address core units on business organization and environment, human resource management, finance and accounts, marketing and operations management, with additional material in each unit studied in greater depth at higher level. The course is offered via Pamoja, an IB support provider.

IB ECONOMICS SL & HL - Year 2 (Credit: 1)

IB Economics year two will emphasize theories of macroeconomics (unemployment, economic growth and inflation), international trade (protectionism, exchange rates and economic integration) and economic development (foreign investment, international aid and debt). All of these economic theories will be applied to real world issues that affect countries, governments and sustainability.

IB ENVIRONMENTAL SYSTEMS AND SOCIETIES - Year 2 ONLY SL (Credit: 1)

This course completes preparation for IB Environmental Systems and Societies. Environmental systems and societies (ES&S) is an interdisciplinary group 3 and 4 course that is offered at standard level (SL). The prime intent of the course is to provide students with a coherent perspective of interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues they will inevitably come to face. The teaching approach is such that students are allowed to evaluate the scientific, ethical and socio-political aspects of issues.

IB HISTORY SL & HL Year 2

(Credit: 1) Prerequisite: IB History Year 1

This course completes preparation for IB History at Higher and Standard Level. IB History is a two-year program that prepares students for the International Baccalaureate examination in history at either standard or higher level. The Standard Level course focuses on 20th century world history and consists of two parts: an in-depth study of one prescribed subject (*Move to Global War*) in preparation for the document-based examination and an overview of two 20th century history topics (*Single Party States and Cause, Course and Consequence of Wars*) in preparation for the essay-based examination. Higher Level students study additional content on three topics of 20th Century European History in preparation for a third examination paper. Students at both SL and HL are also required to complete an historical investigation on a topic of their choice. The second year of this course completes the study of content initiated in year one.

IB PSYCHOLOGY SL & HL Year 2

(Credit: 1) Prerequisite: IB Psychology Year 1

This course completes preparation for IB Psychology at Higher and Standard Level. The course on the science of psychology is part of the international Baccalaureate program in Group 3 and spans two years. Psychology is by its very nature a vast and dynamic subject. Both Higher Level and Standard Level cover the three levels of analysis: biological, cognitive and socio-cultural as the basis of the course. Higher Level students choose two specialty areas from these topics: Abnormal psychology, Development, Health,

Relationships, and Sport Psychology; whereas, Standard Level students need to choose only one special topic. Higher Level students need to apply Qualitative Research to a possible area of research. Students at both Higher Level and Standard Level conduct a replication of an experimental study of their choice for the internal assessment.

IB THEORY OF KNOWLEDGE (TOK) 12 Credit: 1/2

This is a required course for the International Baccalaureate designed to enable students, through their own objective questioning and analysis, to appreciate the various ways in which knowledge is acquired. These reflections are then applied to the various skills and disciplines to which they have been introduced during their academic career. At the end of year 1, students complete a TOK Exhibition and report. In year 2, students submit an essay based on a prescribed title.

MODEL UNITED NATIONS & DEBATE Grade 10 - 12 (Credit: 1)

This course prepares students to participate actively as delegates in the Model United Nations conferences held in The Hague and in Haarlem. Students learn about the history, structure and function of the UN, how to research and write resolutions on urgent world issues, how to debate, how to question Socratically, and how to deliver speeches of different kinds. There is an emphasis on collaboration. This class is the best preparation for students interested in attending a MUN conference. For IB students the class counts as CAS credit.



PUBLIC SPEAKING Grade 9-12 (Credit :1/2)

This yearlong course is designed to develop the skills necessary for effective oral communication and public presentation. Throughout the course students will learn to select, structure and shape subject matter into a coherent and concise speech as well as to adapt language and form to audience, purpose and situation where appropriate. Students will also build skills in vocal projection and clarity of speech, match tonal register to audience, purpose and situation, integrate body language, use notes and visual aids where appropriate, to support the subject matter and engage the listener.

RELIGIOUS EDUCATION 12 SPIRITUALITY (Credit: 1/2)

Religion 12 aims to assist students in exploring the rich tradition of prayer, meditation, and contemplation within the Catholic tradition. Students will learn about spiritual reading, Lectio Divina, Centering Prayer, the Poetry of Spirituality, Ignatian Meditation, Pilgrimage, and the Divine Office, which is the daily prayer of the Church. The course will also explore methods of reflection and meditation accessible to other perspectives. Required Course for IB Diploma Students.

PERFORMING ARTS



HS CHORUS Grade 9-12 (Credit: 1)

In this year-long course students discover the fun and excitement of singing in a group. Students learn about proper vocal production, singing in harmony in two or three parts, and studying music from many different genres and backgrounds. Performance is a key component so students will perform in the classroom, in school concerts during the year, in school masses and on retreats. The group will explore possibilities to sing off campus and perhaps a field trip to France to perform.

HS BAND Grade 9-12 (Credit: 1)

This is an advanced level ensemble open for students from grades 9 – 12 who already play a band instrument or have prior musical knowledge. The course focuses on improving musicianship through the students' sense of tonality, rhythm and technique, and through performing in several styles. Individual growth will be emphasized. Students will have opportunities to conduct and arrange music. Diligent practice is expected and private lessons are encouraged. The ensemble performs several times throughout the school year including the Christmas and Spring Concerts and Graduation.

Band students may be chosen as members of the orchestra for the HS play and form the core group of the Royal Winds, the school's Honor Band. Students may be asked to audition to ensure an adequate level.

HIGH SCHOOL DRAMA I - Grades 9-12 (Credit: 1)

This course is a practical and academic study in the subject of drama. Class time is broken down into a series of practical workshops aimed at building confidence, taking risks and learning to create theater as an ensemble. Techniques on acting, movement, design, and directing are all incorporated into the subject so there is something for everyone. Students are assessed on their ensemble work, practical projects, homework and a final performance at the end of the year. It is suitable for students that have little or no experience in drama, as well as those that have perhaps already shown enthusiasm and skill in the subject in their middle school years.

HIGH SCHOOL DRAMA II - Grades 9-12 (Credit: 1)

This course is a continuation from High School Drama I. It aims to build on the skills learned in the previous year as well as looking at new aspects of theater and performance. Lessons are structured as a series of practical workshops that strengthen performance and theater design skills. The class will work as an ensemble to create original performances for a chosen audience. There is an opportunity to look at technology in theater and design. Students will also use text and begin to look at different theater practitioners in preparation for IB Theatre. It is suitable for students that have little or no experience in drama, as well as those that have perhaps already shown enthusiasm and skill in the subject in the past. It serves as a preparatory year for any student who is considering IB Theatre in Grade 11.



MUSIC PRODUCTION Grade 9-12 (Credit :1)

This yearlong course is designed to enhance music theory fundamentals and composition skills. The essential aspects of melody, harmony, rhythm and form are studied in relation to the creative process of composing through a DAW (Digital Audio Workstation). Students will gain experience with hardware and software for music sequencing, synthesis, composition and music performance practices. Students will also analyze the impact of technology on music and the development of the music industry.

There are no prerequisites for this course, although prior musical experience is advisable.

This course is recommended for students considering IB Music as their Group 6 option in the IB Diploma.

IB THEATRE ARTS SL & HL - Year 2

(Credit: 1) Prerequisite: IB Theatre Arts Year 1

This course completes preparation for IB Theatre Arts at Higher and Standard Level. This two-year course combines practical and academic study in the subject of Theatre. It can be taken at either standard or higher level. The IB Diploma Programme theatre course is a multifaceted theatre-making course of study. It gives students the opportunity to make theatre as creators, designers, directors and performers. It emphasizes the importance of working both individually and collaboratively as part of an ensemble. It 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. They learn to apply research and theory to inform and to contextualize their work. The theater course encourages students to appreciate that through the processes of researching, creating, preparing, presenting and critically reflecting on theater—as participants and audience members—they gain a richer understanding of themselves, their community and the world.

VISUAL ARTS

ANIMATION Grades 9-12 (Credit: 1)

Prerequisite Graphic Design

Animation is an elective one-year course for Grades 9-12. This production course in which students learn the basic principles of animation, develop visual language, storytelling, observation, and communication skills. Prior drawing experience is not necessary. The first half of the semester consists of weekly exercises in which students explore various styles and methods of animation including optical toys, stop motion, traditional drawing, and 2D digital animation. Students will be introduced to programs including Dragon Stop Motion, After Effects, Avid, Flash, and Photoshop. Various technical topics covered include aspect ratio, frame rates, storyboarding, editing animatics, scanning, working with image sequences, alpha channels, vector vs. raster art, compositing, rendering, using a Cintiq, and shooting stills with a DSLR camera. During the second half of the semester students will complete a 15-30 second animated film with sound.



DRAWING AND PAINTING Grade 10 – 12 (Credit: 1)

This course offers fundamental instruction in drawing and painting. Through both technical instruction and creative experimentation, students will build the necessary skills to produce well-crafted artworks as a means of self-expression. Formal concepts are introduced to teach students how to 'see' and 'think' rather than simply reproduce existing artistic styles. Students will also learn to keep a detailed sketchbook for research, practice, and ideation as they approach their creative studio projects. The skills and concepts covered are an excellent preparation for the IB Visual Arts course.

2-D DESIGN Grades 9-12 (Credit: 1)

2-D Design is an elective course for Grades 9-12. Students who wish to continue in the arts are highly advised to take this foundation course, where they will have the opportunity to hone and sharpen skills previously studied. Projects will include fashion design, graphic novels, printmaking, batik, collage, pencil drawing and more. This course will teach students to develop their observational and creative abilities while putting into practice lessons learned from historic and contemporary art.

3-D DESIGN Grades 9-12 (Credit: 1)

3-D Design is an elective course for Grades 9-12. Students who will continue in the arts are highly advised to take this foundation course where they will have the opportunity to hone and sharpen skills previously studied. This course will cover a variety of sculptural processes such as modeling, carving, casting and assembly and will focus on the artistic elements of texture, space and form. Students will work with clay, plaster, cardboard, found-objects, and more as they explore historical and contemporary concepts in 3-dimensional design. Students will learn the important role of craft as it applies to functional objects in ceramics and industrial design while also learning to express themselves in the creation of stylized masks and figurative works.

GRAPHIC DESIGN Grades 9-12 (Credit: 1)

Graphic Design is an elective one-year course for Grades 9-12. The course offers fundamental instruction in creating and designing images with digital technology. This course is designed to provide an opportunity for students to explore the possibilities of using technology in a contemporary art and design field and learn

to enhance and manipulate photographs. Students will receive basic training in software with which professional digital artists and designers must be familiar: Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will learn the design process, which can be applied in any field of post-secondary study. Any student considering an art and design career will find this course extremely valuable.

IB VISUAL ART SL & HL - Year 2

(Credit: 1) Prerequisite: IB Visual Arts Year 1

This course completes preparation for IB Visual Arts at Higher and Standard Level. The IB Diploma Program 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. Supporting the International Baccalaureate mission statement and learner profile, the course encourages students to actively explore the visual arts within and across a variety of local, regional, national, international and intercultural contexts.

Semester Online Courses

A large selection of online elective semester courses are offered [Semester Course Catalogue*](#). Select your option and you will be contacted by our GOA Site Director.

WELLBEING

Sports and Wellbeing

Advisory

Advisors are responsible for the students' wellbeing, guiding them personally, academically and socially throughout the academic year. They provide students with support within the School framework, tracking their academic progress, mentoring them in their Enrichment Program, and helping them to integrate creativity, activity and service projects in their curriculum.

The students meet in small groups with an Advisor:

- Daily check in from 8:20 a.m. for 10 minutes with their assigned faculty Advisor.
- Speak to their Advisor about the day and how well they feel prepared for their classes.
- Advisors check the students' schedules and verify that the students are organized for the day ahead.
- Advisors lead the students in a short period of contemplation or prayer.
- Students discuss an interesting news item or other relevant topic with their Advisor.
- Advisors are on hand to offer advice on study skills needed for their studies in the IB Diploma and other courses.
- Advisors look to the pastoral care of their students, especially as they enter more challenging phases of their courses and consider their choices for future studies at university.

Secondary School student groups also meet for a longer period of time with their Advisor on a weekly basis in order to focus more in-depth on issues relating to academic planning and progress as well as personal and social development in an open and trusting environment. Students also have the possibility to conference and talk individually with their Advisor.

Enrichment

The School offers a variety of advanced and flexible academic study options. These include enrichment opportunities in mathematics, modern language courses (as well as the possibility to accommodate all Mother Tongue languages studies), athletics and the arts as well as the possibility to follow AP courses in Grades 9 and 10 or begin IB coursework in Grade 10 with the proper prerequisites and teacher recommendations.

Continuous attention is given to students wishing to develop their various interests inside and outside of the classroom in addition to specific skills such as public speaking and leadership strategies through a wide variety of opportunities, for example participation in TEDx Conferences, RSHM Conferences within the Marymount Global Network of Schools, Learning, Athletics and Music Festivals, FabLab Fairs, and Model United Nations.

Enrichment opportunities: Personalized Enrichment Programs, Enrichment Trips, Marymount Talks, Athletic Enrichment Plans, Leadership Opportunities, After School Activities, ATL Assemblies, Secondary School Student Led Assemblies, College Counseling.

Service

Service Learning via CAS
Service Learning Experiences
Service Learning Project
House System Service Opportunities
Student Clubs

Support

Individualized Learning Plans
Study Skills
ELL Support

Identified ELL (English Language Learners) and Learning Support students will have course choices further reviewed/adjusted to meet their individual needs. Parents will be consulted directly.