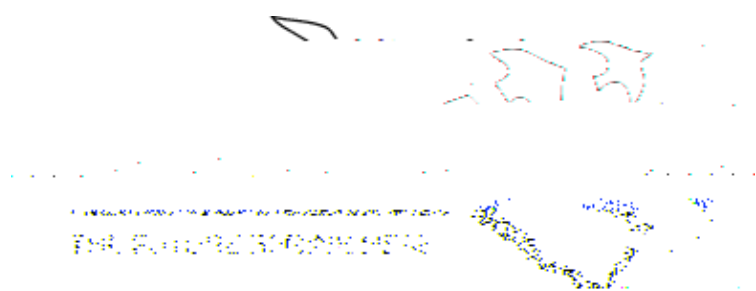
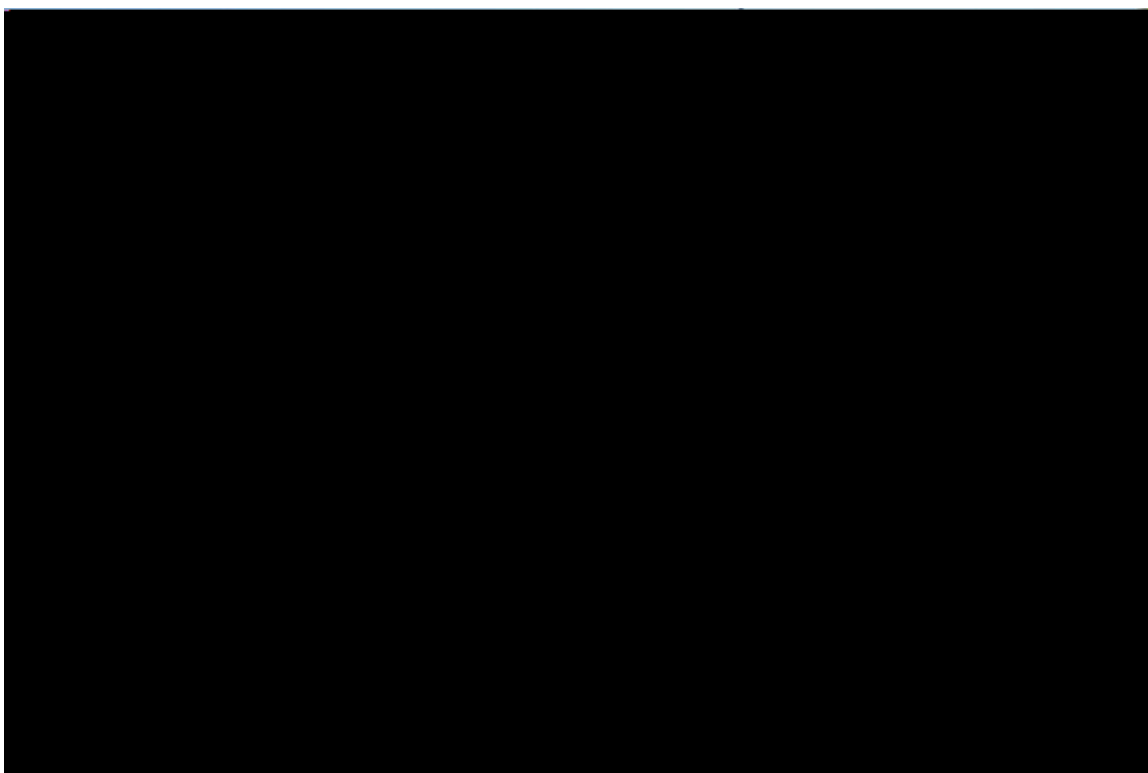


Bay Shore High School International Baccalaureate Program Course Descriptions 2019-2020

“To develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.”

IBO mission statement



The International Baccalaureate Curriculum



Group 1 Courses: Studies in language and literature

IB English 11 HL

IB English 11 HL is the first year in a two-year course of advanced literature study. It is a required course for IB diploma students, but may also be taken as a certificate course as well. The course is designed to develop students' reading and writing skills through a close study of literature from various periods, genres, cultures, and literary styles. Students will be asked to prepare both written and oral persuasive arguments and learn to present their ideas with clarity, coherence, and fluency. The course will also provide students with a broad perspective on literary traditions from around the world and deepen their empathy for people of other cultures and differing perspectives. In the fall, students will be introduced to literary analysis and thematic study through the study of two fictional texts chosen from contemporary or classic literature. A third text that has been adapted into a film will be used to develop comparative analysis skills and to explore the differences between literary expression and cinematic expression. In the spring, students will refine their close reading and interpretation skills with detailed study units on a play from Shakespeare, a 19th century novel, and a selection of poetry from a 20th century writer. Students will be required to complete an individual oral presentation on one or two texts from the fall curriculum and an individual oral commentary on a selected piece of writing from the spring curriculum to meet the IB course requirements. In June of the first year, IB English students will sit for the English Regents exam to fulfill New York state graduation requirements.

IB English 12 HL

IB English 12 HL is the second year in a two-year course of advanced literature study. It is a required course for IB diploma students, but may also be taken as a certificate course as well. The course is designed to develop students' reading and writing skills through a close study of literature from various periods, genres, cultures, and literary styles. Students will be asked to prepare both written and oral persuasive arguments and learn to present their ideas with clarity, coherence, and fluency. In the first semester, students will analyze and compare a variety of world literature texts in translation and submit a thematic essay on one of the texts to meet IB course requirements. In the second semester, selected drama texts will be studied in depth in preparation for the final written IB exam in May. See English 11 for additional course description. *IB English 11 HL is a prerequisite for this course.*

Group 1 Courses: Studies in language and literature (One-year elective options for IB diploma students)

IB Literature and Performance SL (junior or senior year)

IB Literature and Performance SL is a one-year course that may be used to fulfill the elective requirement of the IB Diploma Program or may be taken as a certificate course. This interdisciplinary course combines elements of literary analysis with an examination of the way written texts can be represented or transformed through the language and conventions of theatre. Students will study the meaning, form and style of works of fiction, poetry, and drama, while simultaneously exploring their performance possibilities through imaginative work on the live stage. By incorporating elements of theatrical performance to their textual interpretations, students will be encouraged to develop a personal and passionate connection to literature. IB Literature and Performance is neither exclusively about literary fiction nor exclusively about theatre, but about the imaginative space between the two. This course may be used to fulfill the senior English elective requirement for the New York State Regents diploma. No previous experience in drama or theater is necessary to succeed in this course.

Group 2 Courses: Language acquisition

IB French 11 SL

IB French 11 SL is the first year of a two-year course that may be taken to fulfill the IB diploma program second language requirement or as a certificate course. The standard level (SL) curriculum is designed to emphasize the acquisition of higher level speaking, reading, writing and listening skills in the target language through a variety of authentic linguistic experiences. Instruction is presented in an immersion environment to prepare students for the challenging IB second language assessments. Students will gain linguistic knowledge, communication skills, and cultural awareness as well as develop an appreciation for the diversity of French culture by studying the art, literature, film and music of the Francophone world. *Satisfactory completion of French III 300 is highly recommended for this advanced language course.*

IB French 12 SL

IB French SL is the second year of a two-year course that fulfills the IB Diploma Program second language requirement or completes the certificate course begun in IB French 11 SL. The course culminates in students taking the standard level (SL) written exam at the end of senior year. Students will also be required to complete both an individual and a group oral activity that involve speaking and listening. See IB French 11 SL for additional course description. *IB French 11 SL is a prerequisite for this course.*

IB Spanish 11 SL

IB Spanish 11 SL is the first year of a two-year course that may be taken to fulfill the IB diploma program second language requirement or as a certificate course. The standard level (SL) curriculum is designed to emphasize the acquisition of speaking, reading, writing and listening skills in the target language through a variety of authentic linguistic experiences and a wide range of Spanish language texts and materials. Instruction is presented in an immersion environment to prepare students for the challenging IB second language assessments. Through these experiences, students will gain linguistic knowledge, communication skills, and cultural awareness as well as develop an appreciation for the diversity of Hispanic culture through an exploration of the art, literature, film and music of the Hispanic world. *Satisfactory completion of Spanish III 300 is highly recommended for this advanced language course.*

IB Spanish 12 SL

IB Spanish 12 SL is the second year of a two-year course that fulfills the IB Diploma Program second language requirement or completes the certificate course begun in IB Spanish 11 SL. The course culminates in students taking the standard level (SL) written exam at the end of senior year. Students will also be required to complete both an individual and a group oral activity that involve speaking and listening. See IB Spanish 11 SL for additional course description. *IB Spanish 11 SL or its equivalent is a prerequisite for this course.*

IB Spanish 11 HL

IB Spanish 11 HL is the first year of a two-year course that may be taken to fulfill the IB diploma program second language requirement or as a certificate course. It is intended for experienced Spanish-speaking students. The higher level (HL) curriculum is designed to emphasize the acquisition of higher level speaking, reading, writing and listening skills in the target language through a variety of authentic linguistic experiences. Instruction is presented in a rigorous, immersion environment to prepare students for the challenging IB second language assessments. Higher level (HL) students will be expected to read more sophisticated texts with a wider range of vocabulary including some literary texts. They will be required to produce a greater variety of written texts using clear, vivid, and imaginative language. A special emphasis will be placed on appreciating the communicative purpose as well as the rhetorical and stylistic elements of the texts they study. Through these experiences, students will gain in-depth linguistic knowledge, communication skills, and cultural awareness as well as develop an appreciation for the diversity of Hispanic culture through an exploration of the art, literature, film and music of the Hispanic world. *Satisfactory completion of College Spanish or its equivalent or Spanish for Native Speakers is highly recommended for this advanced language course.*

IB Spanish 12 HL

IB Spanish 12 HL is the second year of a two-year course that fulfills the IB diploma program second language requirement or completes the certificate course begun in IB Spanish 11 HL. At the end of senior year, students will take the Higher Level (HL) written exam. Students will also be required to complete both an individual and a group oral activity that involve speaking and listening. See IB Spanish 11 HL for additional course description. *IB Spanish 11 HL or its equivalent is a prerequisite for this course.*

IB Latin 11 SL

IB Latin 11 SL is the first year of a two-year course that may be taken to fulfill the IB diploma program second language requirement or as a certificate course. The standard level (SL) coursework will emphasize developing students' ability to read, translate, and comprehend selections of original Latin prose and poetry. Students will also explore the language, literature, and culture of ancient Rome with the purpose of deepening their understanding of the inextricable link between culture and language and the continuing influence of ancient cultures on our modern world. Topics in the first year include Roman satire, oratory, and history, Latin lyric poetry, and selections from Ovid's *Metamorphoses*. *Satisfactory completion of Latin III 300 is highly recommended for this advanced language course.*

IB Latin 12 SL

IB Latin 12 is the second year of a two-year course that fulfills the IB diploma program second language requirement or completes the certificate course begun in IB Latin 11 SL. During the second year, students will continue their study of Latin focusing on the prose works of Cicero and the lyric poetry of Catullus and Horace. In addition to the standard level (SL) written exam taken at the end of senior year, students will be required to complete an individual project that involves compiling a research dossier on a topic of interest, presenting an oral report, or creating a composition in the style of a Latin author. See IB Latin 11 SL for additional course description. *IB Latin 11 SL or its equivalent is a prerequisite for this course.*

IB Chinese ab initio 11 & 12 (two-year course)

IB Chinese ab initio is a two-year course that may be taken to fulfill the IB diploma program second language requirement or as a certificate course. The ab initio course is designed to develop basic competency in speaking, listening, reading and writing skills in the target language. Students will participate in interactive lessons organized by theme to foster an understanding of Asian culture. Key themes include individuals and society, urban and rural environments, and the world of leisure and work. Final assessments to earn IB course credit include both oral and written examinations.

Group 3 Courses: Individuals and societies (Required for IB diploma students)

IB History 11 HL

IB History 11 HL is the first year of a two-year course and is required to complete the International Baccalaureate (IB) Diploma. The higher level (HL) curriculum is presented in a chronological fashion with an emphasis on Canadian, US, and Latin American history. The course examines the causes and effects of conflict and development in North and South America from independence through the end of the twentieth century. Students will be invited to study the history of the Americas from a global perspective and challenged to examine the competing historical narratives that claim the mantle of truth. In the spring semester, students will be required to initiate an historical investigation of a self-selected topic that will be completed in the fall of year two. At the end of the first year, students will take the US History Regents exam to fulfill New York state graduation requirements.

IB History 12 HL

IB History 12 HL is the second year of a two-year course that is required to complete the IB Diploma. In the second year, students will investigate twentieth century topics of global significance with a focus on significant post-World War II historical events. Topics include the rise of authoritarian and single party states, challenges and responses of democratic states, and communism in the twentieth century. In the fall semester, students will be required to complete and submit their historical investigation to fulfill IB course requirements. At the end of the year, students will take the IB History higher level (HL) exam. This course meets New York state graduation requirements for government and economics. *IB History 11 HL is a prerequisite for this course.*

Group 3 Courses: Individuals and societies (One-year elective options for IB diploma students)

IB Economics SL (junior or senior year)

IB Economics SL is a one-year course that may be used to fulfill the elective requirement of the IB Diploma Program or may be taken as a certificate course. This standard level (SL) course will focus on exploring economics as a philosophical endeavor that reveals insights into the nature of human behavior and the process of economic decision-making. Students will gain a comprehensive understanding of basic economic theory and develop an awareness of the global issues associated with the allocation of scarce resources. The syllabus is divided into four major areas: microeconomics, macroeconomics, international economics, and development economics. Students will study the nature of markets and competition as well as the effects of supply, demand, and price on resource allocation. Special attention will be given to the role of government in resource allocation through discussion of fiscal, monetary, and tax policy and study of the relationship between economic growth and economic development. An international perspective will be fostered through units on free trade and protectionism, currency exchange rates, and competing concepts of economic development. In addition to the standard level (SL) written exam administered in May, students are required to complete a portfolio of three commentaries on recently published news articles to demonstrate an understanding of economic theory and analysis. Economics SL meets the New York state graduation requirements for both economics and government. *Concurrent enrollment in or satisfactory completion of Math 12 is strongly recommended. Successful completion of US History 300 or its equivalent is recommended for this rigorous social science course.*

IB Business Management SL (junior or senior year)

IB Business Management SL is a one-year course that may be used to fulfill the elective requirement of the IB Diploma Program or may be taken as a certificate course. This standard level (SL) course is designed to give students an overview of business management concepts and strategies in the areas of human resources, accounting and finance, marketing, and operations management. Students will develop knowledge and understanding of business management theories, tools, and techniques and how they apply in a national and global business environment. Using a case study approach, they will learn to analyze and evaluate business activities from a social, cultural, and ethical perspective. In addition to the IB Business Management SL written exam administered in May, students are required to research and compose a written commentary on a real business issue or problem related to a topic on the course syllabus.

IB Global Politics SL (junior or senior year)

IB Global Politics is a one-year course that may be used to fulfill the elective requirement of the IB Diploma Program or may be taken as a certificate course. This standard level (SL) course will focus on exploring international political change and interconnectedness in the 21st century. Students will be introduced to key political concepts in order to reflect on the complex nature of international political, social and economic issues. The course is divided into four core units: Power, Sovereignty & International Relations; Human Rights; Development; and Peace & Conflict. Case studies such as North Korea, Brexit/The European Union, Climate Change, and The Syrian Civil War and Refugee Crisis will be used to encourage students to develop an understanding of how all levels of our global society affect international political issues and governance. The case studies will be integrated into each core unit to facilitate instruction. Staying true to the nature of IB, students will be encouraged to create and appreciate various perspectives and interpretations of global political issues and events.

In addition to the SL exams administered in May, students are required to complete a Political Engagement Activity, such as participation in Model United Nations or an internship with a non-governmental organization or political/elected official, and write a reflective report on the experience, complemented by research on the political issue.

IB Global Politics SL meets the New York State graduation requirements for both economics and government. Prior or current enrollment in the Model United Nations course and participation in the school's Model United Nations Club is strongly encouraged.

IB Social and Cultural Anthropology SL** (junior or senior year)

**Course under consideration for addition to the high school course offerings in 2019-20 school year. Requires Board of Education approval before it can be offered. Contact the department director for further information.

Group 4 Courses: Sciences

IB Biology SL (senior year)

IB Biology SL is a one-year course that may be taken to fulfill the requirements of the IB diploma program for experimental science or as a certificate course. The course meets one period per day and has a lab period every other day. Students will develop analytical and critical thinking skills through practical lab experimentation and cooperative problem solving activities. The curriculum delves more deeply into biology topics covered in the Regents curriculum including cell biology, molecular biology, genetics, ecology, evolution and biodiversity, and human physiology. IB Biology students will also study one advanced topic selected from among options including Neurobiology and Behavior, Biotechnology and Bioinformatics, Ecology and conservation, or Human Physiology. In addition to the standard level written exams administered in May involving multiple choice, short answer, and extended responses, students are required to complete a biological investigation and present their findings in a 6-12 page laboratory report. This internal assessment requires students to choose a topic, design an experiment, collect and process data, evaluate the results, and draw a scientific conclusion. Finally, students in the course will participate in an interdisciplinary Group 4 Science Project. For the project the group will pick a topic of investigation, collect data to learn about this topic and present their findings to an audience of their peers. *Successful completion of the Living Environment curriculum and the Chemistry curriculum at the Honors or Regents level is required for this challenging science course.*

IB Chemistry SL (junior or senior year)

IB Chemistry SL is a one-year course that may be taken to fulfill the requirements of the IB diploma program for experimental science or as a certificate course. The course meets one period per day and has a lab period every other day. Students will develop analytical and critical thinking skills through practical lab experimentation and cooperative problem solving activities. The curriculum delves more deeply into chemistry topics covered in the Regents curriculum including quantitative chemistry, atomic structure, periodicity, bonding, acids and bases, oxidation and reduction and organic chemistry. IB Chemistry students will also study advanced topics including environmental chemistry and the chemistry of medicine and drugs. In addition to the SL written exam administered in May, students are required to complete a series of experimental labs designed to assess their ability to plan experiments, collect and process data, evaluate results, and draw scientific conclusions. Participants in the course will be required to complete a scientific investigation with a written report and an interdisciplinary group science project in which they gather information and present their findings to an audience of their peers. *Successful completion of Honors or Regents Chemistry is required for this rigorous science course.*

IB Environmental Systems and Societies SL** (senior year)

IB Environmental Systems and Societies SL is a one-year course that may be taken to fulfill the requirements of the IB Diploma Program for experimental science or as a certificate course. The course meets one period per day and has a lab period every other day. The focus of the standard level (SL) course is to develop students' knowledge of the complex interaction between environmental systems and societies. Through lab work, discussion of case studies, and analysis of current events, students will learn analytical and critical thinking skills that will help them develop a reasoned and balanced perspective on the scientific, ethical, and socio-political aspects of contemporary environmental issues. In addition to the SL written exam administered in May, students are required to complete a series of experimental labs designed to assess their ability to plan and design experiments, collect and process data, evaluate results, and draw scientific conclusions. Participants in the course will be required to complete an interdisciplinary group science project in which they gather information and present their findings to an audience of their peers. *Satisfactory completion of Chemistry is a prerequisite for this advanced science course.*

**Course under review. Contact the department director for further information about its availability in 2019-20 school year.

IB Physics 11 HL

IB Physics 11 HL is a two-year course that may be taken to fulfill the requirements of the IB Diploma Program for experimental science or as a certificate course. In year one, the higher level course meets one period per day and has a lab period every other day. Students are required to complete a series of experimental labs designed to assess their ability to plan and design experiments, collect and process data, evaluate results, and draw scientific conclusions. Students will develop analytical and critical thinking skills through these practical labs as well as through cooperative problem solving activities. Course topics will include mechanics, oscillations and waves, electricity and magnetism, and nuclear physics among others. During the first year, students will be required to complete a scientific investigation with a written report and complete an interdisciplinary group science project in which they gather information and present their findings to an audience of their peers. In addition during the first year of the course, IB Physics students will sit for the Physics Regents exam in June to fulfill NY state graduation requirements. *Satisfactory completion of Chemistry, preferably at the 300 level, and Algebra II/Trigonometry are prerequisites for this advanced science course.*

IB Physics 12 HL

IB Physics 12 HL is the second year of a two-year course that fulfills the requirements of the IB Diploma Program for experimental science or completes the certificate course begun in IB Physics 11 HL. The course is devoted to preparing students for the higher level (HL) exam in May and completing the remaining IB laboratory requirements. The class meets one period per day and has a lab period every other day. In the second year, students delve into new topics including astrophysics, thermal physics, particle physics, and the greenhouse effect among others. An international perspective will be infused throughout the year as students explore the physical causes and effects of global warming and climate change and study the science of worldwide energy production. *IB Physics 11 HL is a prerequisite for this course.*

Group 5 Courses: Mathematics

IB Mathematical Studies SL

IB Mathematical Studies SL is a one-year course that may be taken in junior or senior year to fulfill the IB diploma program requirements for Group 5 or as a certificate course. The class meets for one period every day and has an additional lab period every other day. The class is designed for students whose main interests lie outside the field of mathematics. Students who take the course will develop an appreciation for mathematics by exploring the subject in real world settings. Topics include number theory and algebra; sets, logic and probability; geometry and trigonometry; statistics and introductory differential calculus; functions and financial mathematics. In addition to the standard level (SL) exam administered in May, students are required to complete a data project involving the collection and analysis of mathematical information or measurements in an area of personal interest such as sports, the arts, music, the environment, health, travel, or business. *Satisfactory completion of Algebra II/Trigonometry is required. Satisfactory completion of Math 12 is recommended.*

IB Mathematics SL

IB Mathematics SL is a one-year course that may be taken to fulfill the IB diploma program requirements for Group 5 or as a certificate course. The standard level (SL) course meets one period per day and has an additional lab period every other day. The class is designed to develop logical, critical, and creative thinking skills as students enhance their mathematical problem solving skills. Topics include algebra, functions and equations, circular functions and geometry, vectors, statistics and probability, and calculus. In addition to the IB SL exam administered in May, students are required to complete a mathematical exploration of an area of mathematics and submit a written report of their work. Students who complete the course successfully in junior year will be well prepared to pursue AP Calculus AB or AP Statistics during their senior year. *Satisfactory completion of Pre Calculus 300 is a prerequisite for enrollment in this advanced math course.*

IB Mathematics HL

IB Mathematics HL is a two-year course that may be taken to fulfill the IB diploma program requirements for Group 5 or as a certificate course. This course is designed to meet the needs of the advanced mathematics student who wishes to pursue university studies in mathematics, physics, or engineering and who has previously demonstrated a high degree of math achievement. In the first year, Mathematics HL students are co-seated in the AP Calculus AB course to begin an in depth study of calculus topics. In the second year, HL students meet for two periods per day. During the first period of instruction, HL students will be co-seated with the AP Calculus BC students to continue their exploration of advanced calculus topics. In the second period, HL students will study the core syllabus topics outside of calculus including complex numbers, functions, advanced trigonometry, vectors, statistics and probability. In addition to the IB HL exam administered in May of the second year, students are required to complete a mathematical exploration of a topic drawn from the course syllabus. *High academic achievement in Pre Calculus 300 is a prerequisite for enrollment in this advanced math course. Students who enroll in this course senior year must have completed AP Calculus AB and be simultaneously enrolled in AP Calculus BC (or have completed it previously).*

Group 6 Courses: The arts

IB Dance 11 SL/HL & 12 SL/HL

IB Dance HL is a two-year course for the serious dance student. It may be taken to fulfill the IB diploma elective requirement or as a certificate course. The IB dance curriculum has been designed to provide students with a holistic view of dance as recreation, ritual, culture, and art. The course syllabus is organized into three parts: performance, dance choreography, and world dance studies. A significant focus of the course will be the development and mastery of performance skills associated with selected dance styles and traditions from the past and present. Students will study the work of master choreographers to nurture their performance and choreography skills as well as develop the analytical thinking skills necessary to understand dance as a form of cultural and artistic expression. International dance forms and traditions will be incorporated throughout the course to explore how the art of dance reveals insights about global society, culture, and history. All IB Dance students must complete a written dance investigation comparing the theory and practice of two contrasting world dance traditions. Students will also choreograph two original dances and perform selected dance masterworks from different cultural traditions to fulfill IB course requirements. *Students who wish to undertake IB Dance are required to have completed one year of Performance Dance to develop the prerequisite skills necessary to succeed in this advanced dance course. Students who have not completed the Performance Dance requirement must obtain approval from the instructor and the Director of Cultural Arts to waive this requirement.*

IB Film 11 SL/HL

IB Film 11 is the first year of a two-year film production and analysis course that may be used to fulfill the IB Diploma elective course requirement or may be taken as a certificate course. In this course, students will explore the historical, theoretical, psychological, sociological and technical aspects of film. The course is designed to develop students' skills in both interpreting and making film texts by providing opportunities for reflective analysis, cooperative learning, and imaginative synthesis of various film elements. In year one, students will study all elements of film production including budgeting, marketing, and filmmaking techniques. Students will explore film theory by studying the history of world cinema including such genres as silent film, screwball comedies, film noir, and horror films as well as the influence of popular culture on film subject matter. Participants in the course will learn how to write, produce, direct, light, edit, and market their own films. They will also prepare oral presentations analyzing aspects of contemporary films.

IB Film 12 SL/HL

IB Film 12 is the second year of a two-year film production and analysis course that fulfills the IB Diploma elective requirement or may be taken to complete the certificate course begun in IB Film 11 SL/HL. The course curriculum in the second year includes the auteur theory, slasher and possession films, documentary films, and representations of adolescence in the media among other topics. To receive credit towards the IB Diploma or an IB certificate, students will be required to complete a script for a film documentary on an aspect of film theory or history and create a short 5-7 minute narrative film accompanied by a written discussion of the production. They will also be required to complete an oral presentation on a film clip drawn from a list of films provided by the IBO. *IB Film 11 SL/HL is a prerequisite for this course.*

IB Music SL (junior or senior year)

IB Music SL is a one-year course that may be taken to fulfill the IB diploma elective requirement or as a certificate course. The focus of the course is to develop students' knowledge and understanding of world music through listening, analysis, and historical research. Students will study musical works from a variety of world cultures and time periods and learn to identify different genres, cultural origins, and compositional techniques through intensive ear training. In addition the course will provide a background in music theory including 4-part voice leading, figured bass, scales, and key signatures. Students are required to complete an independent musical investigation assignment and record a group or solo musical performance for assessment. *Students who undertake IB Music SL **must** also be enrolled in an honors level music ensemble class (e.g., Concert Band, Wind Ensemble, Orchestra, or Choir) and participate fully in one of the school's co-curricular ensembles. Satisfactory completion of two years of music theory coursework prior to enrolling in the course is required (e.g. Music Theory I & II or Music Theory II & III). Students with fewer than two years of music theory experience must obtain approval from the Director of Cultural Arts to waive this requirement.*

IB Music 11 HL

IB Music 11 HL is the first year of a two-year course that may be taken to fulfill the IB diploma elective requirement or as a certificate course. The higher level (HL) curriculum is designed for students who are advanced musicians with significant musical composition experience. The focus of the first year of the course is to develop students' knowledge and understanding of world music through listening, analysis, and historical research. Students will study musical works from a variety of world cultures and time periods and learn to identify different genres, cultural origins, and compositional techniques through intensive ear training. In addition the course will provide a background in music theory including 4-part voice leading, figured bass, scales, and key signatures. Students are required to complete an independent musical investigation assignment and record a solo musical performance for assessment in year one. *Students who undertake IB Music HL **must** also be enrolled in an honors level music ensemble class (e.g., Concert Band, Wind Ensemble, Orchestra, or Choir) and participate fully in one of the school's co-curricular ensembles. Satisfactory completion of two years of music theory coursework prior to enrolling in the course is required (e.g. Music Theory I & II or Music Theory II & III). Students with fewer than two years of music theory experience must obtain approval from the Director of Cultural Arts to waive this requirement.*

IB Music 12 HL

IB Music 12 HL is the second year of a two-year course that fulfills the IB Diploma elective requirement or completes the certificate course begun in IB Music HL 11. The focus of the second year of the course is to deepen and refine students' musical knowledge, analytical skills, and understanding of world music through a series of advanced and frequently independent activities involving listening, analysis, performance, composition, and historical research. Students are required to complete their work on three contrasting musical compositions in year two. *Students who undertake IB Music HL **must** also be enrolled in an honors level music ensemble class (e.g., Concert Band, Wind Ensemble, Orchestra, or Choir) and participate fully in one of the school's co-curricular ensembles. IB Music 11 HL is a course prerequisite.*

IB Visual Arts 11 SL/HL

IB Visual Arts 11 SL/HL is the first year of a two-year course for the serious art student. It may be taken to fulfill the IB diploma elective requirement or as a certificate course. The IB art curriculum has been created to inspire a journey through the world of art. It is intended to challenge students to think independently and develop critical and personal views of the visual arts from different time periods and diverse cultures around the world. The course provides opportunities for in-depth study of the elements and principles of design; the social, historical, and cultural influences of art and artists; and the technical skills necessary to become proficient in a variety of media for self expression. In year one, students will have the opportunity to explore different media and art techniques in the form of structured learning about the values of color, tone, form, and design as well as through wide-ranging personal research on art and artists. Students will collect their personal research in visual arts journal where they will explore, reflect, compare, and analyze aspects of the visual arts through drawing and writing. *Students who wish to undertake IB Visual Arts SL/HL are required to complete Studio in Art (or a year of Humanities 9, 10, or 11) and Drawing and Painting I to develop the prerequisite skills necessary to succeed in this advanced art course.*

IB Visual Arts 12 SL/HL

IB Visual Arts 12 SL/HL is the second year of a two-year course that fulfills the IB Diploma elective requirement or may be taken to complete the certificate course begun in IB Visual Arts SL/HL 11. With teacher guidance during the second year, students follow an individual artistic path as they set out to develop personal artistic theories and perspectives on art through self-initiated assignments. Students will continue to conduct personal research into art and artists with the visual arts journal. During the course of senior year, students will create a process portfolio with selections from their visual arts journal and other sources to document their artistic process and write a comparative analysis of three works of art from at least two artists. The course will culminate in a final senior exhibition where students will create a selection of their completed artworks with a curatorial rationale. *IB Visual Arts 11 SL/HL is a prerequisite for this course.*

IB Diploma Core Requirements

IB Theory of Knowledge 11 & 12

Theory of Knowledge is a two-year course that is one of the three mandatory core requirements for students pursuing the IB Diploma. The course is designed to encourage students to think critically about the knowledge they are learning in school. Students will explore, through an interdisciplinary approach, the strengths and limitations of knowledge in all subject areas. Special attention will be paid to a discussion of ethics, cultural perspectives, and knowledge questions (i.e., How do we know what we know and how reliable is the knowledge we possess?) The course is organized primarily as a seminar discussion in an intimate setting where students will practice listening and discussion skills. The curriculum includes explicit instruction and practice in the elements of critical thinking and reasoning such as evaluating information, questioning assumptions, applying theories and concepts, considering multiple perspectives, weighing implications and consequences, and drawing valid conclusions. The course meets every other day for a single period both junior and senior year and culminates in the writing of a 1600 word essay on a topic selected from six assigned titles. Students are also required to conduct an oral presentation that examines knowledge questions related to a real life situation.

Creativity Activity Service (CAS) (no school-based course credit)

CAS is one of the three mandatory core requirements for students pursuing the IB Diploma. Students are required to complete a self-designed program of significant experiential learning projects over the course of their time in the diploma program. In general, CAS experiences take the form of self-initiated, independently designed and executed extracurricular activities that incorporate elements of creativity, activity, and service to others. One CAS experience must be conducted over a sustained period of time that is at least a month in duration. The CAS coordinator meets with all diploma candidates early in the first year of the students' entrance into the IB program to provide direction for developing their individual CAS program. CAS activities will be monitored on a monthly basis through a series of reflections and reports shared with the CAS coordinator. Near the end of senior year, students will submit and present a final reflection on their CAS activities to meet the requirements of the IB Diploma Program.

Extended Essay (no school-based course credit)

All IB Diploma candidates are required to complete a 4,000 word extended essay on an independent research subject of their choice. There is no class associated with the Extended Essay requirement. During junior year, students will work with the Extended Essay coordinator and an assigned Extended Essay supervisor to develop and refine a research question in a subject area of interest. In the fall of senior year, students will submit a draft of their essay, receive comments, and revise the draft for submission to meet the requirements of the IB Diploma Program.