



## Upper School Course Information Academic Year 2017-2018

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Saint John's Preparatory School's academic year is divided into fall and spring semesters; however, many of the courses listed are one year in length. Therefore, with exceptions made for serious circumstances, students will not be permitted to drop a year-long course at the end of the fall semester. The administration reserves the right to cancel or add courses as necessary.

**Note:** Courses with "\*" symbol at the end of the course title indicates an honors course.

## Requirements for Graduation for 2017-2018

To graduate, a student must earn the equivalent of at least **24 credits**, carrying a minimum load of five SJP (5) every day classes per semester, not including independent study courses.

Department	Department Requirements
<b>English</b>  <b>English Speakers of Other Languages (ESOL)</b>	<ul style="list-style-type: none"> <li>• Four (4) full years/credits (<i>Non-native speaking students will be evaluated and placed in appropriate ESOL or English course.</i>)</li> <li>• English Speakers of Other Languages Course Rotation: ESOL Intermediate, ESOL Advanced, English courses</li> <li>• English course rotation: English 9, American Literature, upper level English electives</li> <li>• Students must be enrolled in an English/ESOL course each semester</li> <li>• 11th and 12th grade students must take at least one literature-based elective each year</li> </ul>
<b>Fine Arts</b> <i>(Music, Visual Arts)</i>	<ul style="list-style-type: none"> <li>• Two (2) semesters of fine arts during student's 9<sup>th</sup>/10<sup>th</sup> grades (<i>Two semesters within two years</i>)</li> <li>• Two (2) semesters of fine arts during student's 11<sup>th</sup>/12<sup>th</sup> grades (<i>Two semesters within two years</i>)</li> </ul>
<b>Health &amp; Wellness</b>	<ul style="list-style-type: none"> <li>• <b>9<sup>th</sup> Grade:</b> One (1) semester of Health &amp; Physical Education 9</li> <li>• <b>10<sup>th</sup> Grade:</b> Participation in three (3) after school activities, two (2) of which must be physical in nature (<i>a sport or intramural</i>).</li> <li>• <b>11<sup>th</sup> Grade:</b> Participation in at least two (2) after school activities, one of which must be physical in nature (<i>a sport or intramural</i>).</li> <li>• <b>12<sup>th</sup> Grade:</b> Participation in at least two (2) after school activities, one of which must be physical in nature (<i>a sport or intramural</i>).</li> <li>• One (1) semester of health is a requirement for graduation.</li> </ul>
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>• Three (3) full years/credits (<i>Credits earned during 9<sup>th</sup> – 12<sup>th</sup> grades</i>)</li> <li>• Mathematics course rotation: Algebra I, Algebra II, Geometry, upper level Mathematics electives</li> <li>• A fourth year of mathematics is strongly recommended; many colleges require four years of mathematics for admission</li> </ul>
<b>Science</b>	<ul style="list-style-type: none"> <li>• One full year of each of the following in Science course rotation: Physics, Chemistry, Biology</li> </ul>
<b>Social Studies</b>	<ul style="list-style-type: none"> <li>• Four (4) full years/credits</li> <li>• One (1) full year/credit of American or United States History is required.</li> <li>• Social Studies Course Rotation: World History I, World History II, American History, upper level Social Studies electives</li> <li>• Students must be enrolled in a Social Studies course each term</li> </ul>
<b>Theology</b>	<ul style="list-style-type: none"> <li>• Students entering in the 9<sup>th</sup>: Four (4) courses beginning with Theology I: Theological Foundations</li> <li>• Students entering in the 10<sup>th</sup>: Three (3) courses beginning with Theology I: Theological Foundations</li> <li>• Students entering in the 11<sup>th</sup>: Two (2) courses beginning with Theology I: Theological Foundations</li> <li>• Students entering in the 12<sup>th</sup>: One (1) course of Theology I: Theological Foundations</li> <li>• Theology course rotation: Theology I, Theology II, Theology III, Theology IV</li> <li>• Transfer students (10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grades) who have had religious study courses at their previous school will be assessed and placed in the appropriate level of theology course.</li> <li>• Students must be enrolled in a theology course each year.</li> </ul>
<b>World Languages</b>	<ul style="list-style-type: none"> <li>• Three (3) full years of same SJP offered world language (<i>Credits earned during 9<sup>th</sup> – 12<sup>th</sup> grades</i>)</li> <li>• World Language course rotation for each language: Level I, Level II, Level III, Level IV, Level V</li> <li>• All native English speaking students (<i>including students from English speaking countries outside of the USA</i>) must fulfill the World Languages requirement</li> <li>• A fourth year of World Language is strongly recommended</li> </ul>

- Courses meeting every other day = .25 credits per semester (Examples: Health)
- Classes meeting every day = .50 credits per semester (Examples: American Literature, Geometry and United States History)

**Saint John's Preparatory School reserves the right to change the requirements without notice.**

# English Department

## English

### ENG 101: English 9

*Grades:* 9  
*Credits:* 1.0  
*Length:* Full year

This course focuses on literature, composition, and language skills. The literature includes various genres with an emphasis on major works such as *Of Mice and Men*, *Fahrenheit 451*, *Romeo and Juliet*, *To Kill a Mockingbird*, and *Peace Like a River*. Students have frequent writing assignments, both expository and creative, and frequently share their writing with peers. Language skills are taught in digestible doses throughout the course. In addition, presentations, speeches, and skits will emphasize both oral and non-verbal communication.

### ENG 201: American Literature

*Grades:* 10  
*Credits:* 1.0  
*Length:* Full year

The focus of this course is on analysis of various classic texts in American Literature as we begin with early Puritan and Native American writing, both fiction and non-fiction, and then move to works by Nathaniel Hawthorne, Arthur Miller, Mark Twain, Toni Morrison, Ernest Hemingway, Tim O'Brien, Zora Neal Hurston, and F. Scott Fitzgerald, among others. Units in public speaking, poetry, and short stories are also a part of the curriculum. Writing is an ongoing expectation, and students will write research papers, literary analyses, memoir, and poetry.

### ENG 301: British Literature: Anglo-Saxon to Restoration\*

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

This course focuses on great literature from the beginnings of the English language through the 1700s. Major works include *Beowulf*, *Hamlet*, and *Rosencrantz and Guildenstern Are Dead*, a contemporary play with many of the *Hamlet* characters. British history and culture will be studied in relationship to literature. In addition, students will compose expository, reflective, and analytical pieces of writing. The course will culminate with a 10-15 minute presentation by each student (Individual Oral Presentation). **This course fulfills the first semester requirement of the IB English (HL) course. Preference will be given to students pursuing an IB Certificate or the IB Diploma.**

### ENG 302: British Literature: Romantic to Contemporary

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

This course focuses on great literature from the Romantic Age through the Contemporary Period. Major works include *The Rime of the Ancient Mariner*, *Pygmalion*, and *1984*. British history and culture will be studied in relationship to the literature. In addition, students will compose several expository, reflective, and analytical pieces of writing.

### ENG 311: World Literature: The Classic World

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

Students will explore literature from around the world. Primary focus is on non-American works published prior to 1900 such as the *Oedipus* plays, *Cyrano de Bergerac*, *Siddhartha*, poetry of Li Po and Sappho, excerpts from *The Odyssey* and other ancient epics, and *Macbeth*. Students will examine the works in terms of what they say about the literary works' cultures, their own cultures, and their own lives. Most writing assignments will be reacting to and analyzing literature.

### ENG 312: World Literature: The Modern World\*

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

This course revolves around major works with the theme of identity and are in the forms of a play, novella, short stories and a graphic novel (*A Doll's House*, *The Metamorphosis*, and *The Complete Persepolis*). Culture and context of the time period and genre are emphasized to enhance close reading and discussion. Primarily, assessment revolves around literary analysis in preparation for IB's culminating assessment of a 1500-word essay on one of the major works studied. Presentation and writing requirements are adjusted for non-IB students. **This course fulfills the second semester requirement for the IB English (HL) course. Preference will be given to students pursuing an IB Certificate or the IB Diploma.**

## ENG 321: Creative Writing

*Grades:* 11, 12

*Credits:* 0.5

*Length:* 1 semester

*Offered:* Fall

In this course, students will read and write in a variety of genres, such as memoir, creative nonfiction, short story, flash fiction, drama, poetry, and/or sports or arts journalism. In addition to the traditional modes of writing, students can incorporate various technologies to create podcasts and other multimedia texts. This course encourages students to become published writers in the Prep literary magazine and/or other print or electronic publications. Finally, it is the additional aim of this course to invite writers to campus and into classrooms for workshops, lectures and readings at least once per semester.

## ENG 322: English Language and Composition

*Grades:* 11, 12

*Credits:* 0.5

*Length:* 1 semester

*Offered:* Spring

This course focuses on academic composition. Students will read, analyze, and write primarily non-fiction prose. Students will write frequently to practice their knowledge of rhetoric, writing modes, reasoning, language skills, documentation, and all phases of the writing process. Students will be expected to respond not only to reading assignments but also to each other's writing.

## ENG 401: Advanced English (IB English 12)\*

*Grades:* 12

*Credits:* 1.0

*Length:* Full year

Critical thinking, close reading, and discussion are key daily requirements in this course. The fall semester revolves around a study of Gwendolyn Brooks' poetry, Richard Wright's novel *Native Son*, and Frederick Douglass's memoir *The Narrative of the life of Frederick Douglass, an American Slave*. The semester culminates in a 20-minute oral exam based on the study of these works. The spring semester centers on a genre study of drama. Major works are *The Importance of Being Earnest*, *Blue Heart*, *Othello*, and *Death of a Salesman*. Assessment is in the form of literary analysis comparing two of the works studied in a timed setting. The second semester focuses on preparation for the May IB assessment. **This course fulfills the second year requirement for the IB English (HL) course. Preference will be given to students pursuing an IB Certificate or the IB Diploma. Non-IB students may take this course with permission of the instructor.**

# English Department

## English Speakers of Other Languages (ESOL)

### ESOL 201: Intermediate ESOL

*Grades:* 9, 10, 11, 12

*Credits:* 1.0

*Length:* Full year

This is an accelerated course designed to advance the fundamental listening, speaking, reading and writing skills necessary for academic use of English and the TOEFL exam. Students will have the opportunity to improve their writing by focusing on advanced structures, paragraph development, and increased fluency. Students will build oral communication skills necessary for academic success, including oral presentation, participation in class discussion, leading small-group discussion, and note-taking. Students will read a variety of texts, including short articles, poetry and novels.

### ESOL 301: Advanced ESOL

*Grades:* 9, 10, 11, 12

*Credits:* 1.0

*Length:* Full year

This is an accelerated course designed to transition students efficiently from Advanced to standard English classes. In this course, students use diverse, authentic texts from a variety of genres to develop their reading, writing, speaking and critical thinking abilities. It will include opportunities for formal and informal writing in narrative, expository and argumentative modes, as well as practice in the development of academic vocabulary. Various themes, generally one per quarter, will be centered on topics relevant to students' personal and academic lives, allowing them to explore their roles as global citizens and learners. Activities will promote the interpretation, application, analysis, synthesis and evaluation of information.

# Fine Arts Department

## Music

### MUS 111: Concert Band

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

Concert Band is designed to give students the opportunity to develop instrumental skills. Students are exposed to basic music theory and music history. Students learn and practice rehearsal skills and develop music listening skills. The concert band gives two to four concerts per year in cooperation with the other musical groups in the school. The band also plays as a pep band at a number of athletic events throughout the year. Solo and ensemble opportunities are available to all students. All members have lessons with music faculty to receive academic credit for band. The program seeks to develop an awareness of musical style by performing music from a variety of musical periods and by a variety of composers.

### MUS 121: Concert Choir

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

The Concert Choir is an ensemble for mixed voices performing primarily a cappella music. The program seeks to develop good singing habits and the ability to sing together as a well-blended group. Music from a variety of musical periods and by a variety of composers is used to develop an awareness of musical style. All members receive vocal lessons from faculty to achieve academic credit. Solo and small group opportunities are provided. The choir performs three to five concerts per year in cooperation with other music groups of the school as well as other area schools.

### MUS 131: Orchestra

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is comprised of rehearsal and performance of string/orchestral works from the Eighteenth to Twentieth centuries and can range from traditional classic literature to symphonic movie scores. The String Orchestra at Saint John's Preparatory School provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play orchestral stringed instruments. Study includes the care and cultivation of a beautiful tone, the ability to read music with increasing fluency, the building of technical skills, cooperative group rehearsal skills and responsible individual and rehearsal habits. Students will heighten listening skills and increase their ability to analyze and evaluate music and music performances. Attention will also be given to relating their music experiences to the time and culture of the pieces. The String Orchestra performs at least two major public performances each year.

### MUS 221: Chamber Choir

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* Full year

Chamber Choir is a mixed vocal ensemble that sings primarily a cappella music written for smaller ensembles. This select group performs at a variety of events throughout the year. Students develop skills for small ensemble singing and critical analysis of music performance. The ensemble enrolment is limited to no more than 13 members. Most rehearsals will be before school. Students wishing to participate must be a current member of a major music ensemble (band, choir, strings) and receive permission from the instructor by audition.

### MUS 241: Jazz Ensemble

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* Full year

The Jazz Ensemble performs a wide variety of selections from Swing to contemporary Jazz. Independent practice for all selected music is required. Students will learn basic improvisational and jazz interpretation skills. Essential listening to selected Jazz artists and music will be required. The instructor will provide these listening materials to student members. The number of members in the ensemble will be determined by the successful level of musicianship of its members. Membership is open to advanced wind/percussion students who are members of at least one of the Saint John's Preparatory School large ensembles (Band, Choir or String Orchestra). Admittance is by Instructor permission only and an audition may be required for membership to the Jazz Ensemble. This group meets at least one morning per week (before school) for rehearsal. The Jazz Ensemble plays for various school and community functions, attends jazz band competitions, plays in concert performances and the annual "A Night Of Jazz".

## **MUS 301: IB Music (SL)\***

*Grades:* 11, 12

*Credits:* 0.5

*Length:* Full year

Through the music course students develop their knowledge and potential as musicians, both personally and collaboratively. The course exposes students to forms, styles and functions of music from a wide range of historical and socio-cultural contexts. Students create, participate in, and reflect upon music from their own background and those of others. They develop practical and communicative skills which provide them with the opportunity to engage in music for further study, as well as for lifetime enjoyment. All students who take this course must also participate in a school music ensemble. *Note: Course meets every other day.*

# Fine Arts Department

## Visual Arts

### ART 111: Ceramics I

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

This class involves studio work that introduces the student to hand-building techniques in clay along with wheel thrown pottery items. Students will gain basic skills in throwing functional items such as cups and bowls. A variety of decorative techniques will be explored including glazing, under glazing, relief work and adding hand-made embellishments to wheel thrown work. Students will learn the process of caring for and reconditioning clay as well.

### ART 121: Digital Photography and Imaging I

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

Do you love to take pictures? Have you always wanted to learn more about photography and digital manipulation? If you enjoy making photographic images, then this course is for you. Learn what all the buttons and gadgets do on your digital camera. You will learn the basics of photography as well as composing, capturing and manipulating digital imagery. As you create your own work, you will explore amazing photography from contemporary artists as well as traditional photographers who have paved the way for artists today. Explore broad topics such as portrait, landscape, macro and wildlife photography as well as your own personal interests. This course will help you to become a better photographer as well as introducing you to Adobe Photoshop, the industry standard for image manipulation. You will have the opportunity to enhance and retouch your images in Photoshop as well as completely changing them to create new and original imagery. No experience necessary. You must have some type of digital camera for this class.

### ART 131: Drawing I

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

This course will start from the basics of technique and exploration of the elements of drawing and the principles of design. We will explore perspective in landscape and architecture, still life, portraits and more. Enjoy learning about graphite, charcoal and ink as creative tools for expression.

### ART 151: Design and Illustration

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

Design is a critical piece today in all fields of work. Designers are responsible for creating things that are functional as well as looking good. A designer is one who combines problem solving and creativity. In this class, you will learn about some basic processes that designers use to help create interesting and unique products. We will discuss theories and use of color and the elements of art and design principles to work in a wide variety of design applications from furniture redesign to fused glass, ink design and zentangle as well as graphic design. In addition, learn about the basics of storytelling used in the illustrative process. Basic drawing skills are useful for the illustration component of this course.

### ART 211: Ceramics II

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

The student will further develop throwing skills of cups, bowls and plates as well as exploring new forms. Learn to make teapots, lidded ware such as honey pots, and larger ware. We will develop a place setting with style and explore the process of altering forms into shapes that are not round. Take a more in-depth look at glazes and decorative techniques, and begin to develop your own style. All students will be responsible for studio upkeep and clay reconditioning. **Prerequisite:** ART 111 Ceramics I

## ART 221: Digital Photography and Imaging II

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

Now that you have a taste for digital image making, you want to learn more. This course focuses on the development of your artistic voice, while exploring more in-depth techniques for image enhancement and manipulation in Adobe Photoshop. Various styles of image making will be explored, ranging from fine art, photojournalistic, editorial and commercial to the tableaux, deadpan and photomontage. You will have the opportunity to develop a more in-depth working knowledge of the camera, metering, and color temperature control as well as using flash to enhance your work. Your work will take on a more sophisticated feeling as you refine your skills and your artistic interests and you will begin to explore other digital applications for the creation and presentation of your work. You must have some type of digital camera for this class. **Prerequisite:** ART 121 Digital Photography and Imaging I

## ART 231: Drawing II

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

Refine your drawing skills while exploring new applications of media and creating new, original pieces of artwork. Further explore still-life, perspective and figure drawing as well as learning about mixed media. **Prerequisite:** ART 131 Drawing I

## ART 311: Ceramics III

*Grades:* 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

Continue your clay exploration by exploring taller and wider forms as well as developing new decorative techniques. Third semester students will create such items as candlestick holders, casserole dishes and teapots. Learn to mix glazes, load and unload the kiln and more. You will be working alongside Ceramics I and II students.

## ART 381: Art Media Explorations\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

The IB art course is an integral component of the IB program. Through the study of aesthetics, engaging in critical thinking and through kinesthetic experience, the students will explore many ways of knowing and understanding the world around them. As a school with an international flavor, IB art students at SJP will naturally develop an appreciation of aesthetics through the investigation of a variety of art from the student's own culture and other cultures, both past and present, intentionally striving toward balance and cultural awareness. Students are encouraged to reflect deeply about art concepts in an effort to become knowledgeable about the motivations for creating art. They will accomplish this through practice, inquiry and risk-taking, resulting in the completion of a body of work that is reflective of the student as a thinking, communicating and principled artist. This body of work will demonstrate sensitivity to a variety of materials and technical processes, as well as open-mindedness in studio practice and investigation. **This course fulfills the requirement for the IB Visual Arts (SL and HL) courses. Preference will be given to IB Certificate and IB Diploma students.**

## ART 511: Advanced Ceramics

*Grades:* 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

Now that you have mastered the basics of throwing technique, begin to explore your own personal interests in advanced ceramics. Choose from a range of personal projects, as well as common functional ware such as casserole dishes, small sieves, stemware and more. Enjoy the opportunity to explore hand-built pieces as well. You must have completed ceramics I, II and III. Advanced ceramics may be taken more than one time for credit, as your personal goals will be different each semester.

# Health and Wellness Department

## HPE 101: Health

*Grades:* 9, 10, 11, 12  
*Credits:* 0.25  
*Length:* 1 semester  
*Offered:* Fall, Spring

This one-semester, every other day class is designed to develop health literacy. The student will be able to obtain, interpret, and understand basic health information. In addition, each student will demonstrate the ability to use such information in ways that will enhance their health.

## HPE 102: Health and Physical Education

*Grades:* 9  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

The health portion of this class is designed to develop health literacy. The student will be able to obtain, interpret, and understand basic health information. In addition, each student will demonstrate the ability to use such information in ways that will enhance their health. The topics include: wellness, nutrition, fitness, stress, mental and emotional health, STD's and AIDS; substance abuse; reproduction, and issues in relationships. The Physical Education portion of this class will emphasize sports and activities that develop cardiovascular and over-all fitness as well as team sports and activities. Activities may include volleyball, basketball, floor hockey, soccer, football, team handball, lacrosse and softball. The class will meet every day for one semester. **Note:** *Students meeting the requirements of HPE 111: High School Intramurals (Grade 9) may be exempt from the Physical Education portion of this course with the approval of the Athletic Director.*

## HPE 111: High School Intramurals (Grade 9)

*Grades:* 9  
*Credits:* 0.0  
*Length:* Full year

Ninth grade students are required to participate in three (3) after school activities, two (2) of which must be physical in nature (a sport or intramural).

## HPE 211: High School Intramurals (Grade 10)

*Grades:* 10  
*Credits:* 0.0  
*Length:* Full year

Tenth grade students are required to participate in three (3) after school activities, two (2) of which must be physical in nature (a sport or intramural).

## HPE 311: High School Intramurals (Grade 11)

*Grades:* 11  
*Credits:* 0.0  
*Length:* Full year

Participation in at least two (2) activities, one of which has to be a physical activity (a sport or intramurals).

## HPE 411: High School Intramurals (Grade 12)

*Grades:* 12  
*Credits:* 0.0  
*Length:* Full year

Participation in at least two (2) activities, one of which has to be a physical activity (a sport or intramurals).

# International Baccalaureate (IB) Department

## IB 301: Theory of Knowledge I\*

*Grades:* 11

*Credits:* 0.5

*Length:* 1 semester

*Offered:* Spring

The course will investigate the nature of knowledge and how it is acquired. Students will reflect critically on the diverse ways of knowing and consider the role of knowledge in their own culture as well as in other local cultures and in the wider world. **This course is only available to IB Diploma candidates.**

## IB 302: Theory of Knowledge II\*

*Grades:* 12

*Credits:* 0.5

*Length:* 1 semester

*Offered:* Fall

The second course will investigate specific areas of knowledge, including mathematics, natural sciences, human sciences, history, the arts, ethics and religion. A 1,200 to 1,600-word final essay on a topic prescribed by IB will be completed in the second semester. **This course is only available to IB Diploma candidates. Prerequisite:** IB 301: Theory of Knowledge I\*.

# Mathematics Department

## MATH 101: Algebra I

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

The student is introduced to the basic structure of algebra and develops problem solving techniques. The topics are: basic properties of real numbers; linear equalities and inequalities; an introduction to functions, relations, and graphs; systems of linear equalities and inequalities; polynomials and rational expressions; irrational numbers and radicals; quadratic equations and functions.

## MATH 151: Algebra II

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

The student rigorously studies second year algebra and a substantial amount of trigonometry. The topics are: review of elementary algebraic concepts; variations & graphs; linear relations; matrices; systems; parabolas & quadratic equations; functions; powers & roots; exponents & logarithms; trigonometry; polynomials; quadratic relations; series, combinations & statistics; and dimensions & space.

## MATH 201: Geometry

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

The course is a balance of geometric theory and application. The students practice problem solving and writing proofs. Topics treated are: points, lines, planes, and angles; definitions and logic (if-then statements, direct and indirect reasoning); triangle congruence; polygons; similarity; coordinate geometry; trigonometry; vectors; reflections, transformations and congruence; measurement formulas; three-dimensional figures; surface areas and volumes; applications of the properties of circles; fractal geometry; and non-Euclidean geometries.

## MATH 251: Data Science

*Grades:* 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

Data Science is concerned with organizing and making sense of large amounts of data. The field utilizes statistical analysis and computer programming. One goal of this year-long course is to equip students with basic statistical analysis and statistical inference skills. Accordingly, we will consider proper and well-established standards for data collection, and will learn traditional methods of describing data sets and making inferences from that data. A successful student should consider taking the AP Statistics exam at the end of the year. Furthermore, we will utilize current data processing power to attempt to organize and extract knowledge from large sets of existing data. Students will develop basic programming skills, and will apply those skills through use of the statistical package "R" in order to conduct statistical analysis. This course is open to any student who has passed Algebra II. We recommend that students take this course early in their careers, so that they can apply the course's techniques in other upper school courses.

## MATH 301: Pre-Calculus\*

*Grades:* 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

The goal of this course is to solidify a student's knowledge of polynomial, exponential and logarithmic functions. Students will also study matrices, trigonometric functions, trigonometric identities, conic sections, sequences, series, probability, parametric and polar equations, and vectors in both two and three dimensions.

## MATH 311: IB Mathematical Studies (SL)\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

The student rigorously reviews all topics covered in second year algebra, geometry and trigonometry as well as several new topics. New topics covered are statistics, probability, sequences, series, financial mathematics, and calculus topics of limits and derivatives. All students will need to complete an extensive project on the topic of their choosing that will involve the collection, analysis, and evaluation of data. Students taking the course for IB certification or diploma will also take an external assessment in the spring. **This course fulfills the requirement for the IB Mathematical Studies (SL) course. Preference will be given to IB Certificate and IB Diploma students.**

## **MATH 401: Calculus I\***

*Grades:* 11, 12

*Credits:* 1.0

*Length:* Full year

The goals of this course include: facility with mathematical techniques, contemplation and construction of proofs, and consideration of the historical development of the ideas that we investigate. Syllabus topics include: Vectors, Lines, and Planes; introductory Differential Calculus, introductory Integral Calculus; introductory Differential Equations; and a Calculus-based investigation of Probability distributions. **This course serves as the Mathematics SL portion of the International Baccalaureate Diploma Program.** This course also prepares students for the AP Calculus AB exam.

## **MATH 451: Calculus II\***

*Grades:* 12

*Credits:* 1.0

*Length:* Full year

This IB Mathematics HL course goals include: facility with mathematical techniques, contemplation and construction of proofs, and consideration of the historical development of the ideas that we investigate. Syllabus topics include: Complex Numbers; Series (including Taylor and Maclaurin series); and Differential Equations. **This course serves as the Mathematics HL portion of the International Baccalaureate Diploma Program.**

# Science Department

## PHYS 101: Physics

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

Physics serves as an introductory course to the formal study of science and is an exploration of physics, the most basic and the oldest of the sciences. Students will develop basic concepts of the nature of motion, force, energy, matter, heat, sound, light, and electricity. Students will learn to analyze the results of laboratory experiments and will build a laboratory portfolio which includes results of each of the major investigations throughout the year. The skills of experimental design, data collection and graphical analysis will be emphasized. This course will serve as an introductory physics course, and will provide the prerequisite knowledge needed for the study of chemistry, biology and advanced studies in physics. The text for this course is *Conceptual Physics* by Paul Hewitt, a professor emeritus at San Francisco Junior College.

## PHYS 111: Earth Science: Geosciences

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* Semester  
*Offered:* Fall

This is a one-semester course designed to introduce students to the study of the Earth, including an in-depth look at its three main parts: the solid earth, water mass, and atmosphere. Students will acquire an understanding of “global change” over varying time scales, and learn to see the Earth as a dynamic system with a complex history. The course will include the use of the Internet, labs, videos, lecture and projects to involve students as active learners.

## PHYS 112: Earth Science: Astronomy

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* Semester  
*Offered:* Spring

Astronomy is a one-semester course in which students will investigate the heavens from both an historical and modern approach. Through class lectures, videos, computer simulations, demonstrations, research and class discussions, students will learn about the wondrous universe in which we live. Topics such as the solar system, the birth and death of stars, telescope observing, and modern ideas concerning black holes, quasars, and supernovae will be researched and discussed.

## PHYS 301: IB Physics (SL)\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

This physics course is mainly algebra and trigonometry based (calculus of limits etc. will be taught as needed). The intent of the course is to prepare students for college level science and physics. Topics studied include mechanics, thermodynamics, wave motion, electricity and magnetism, and modern physics. In this course many demonstrations are employed to enhance the understanding of the physics involved. The prerequisites for this course include the satisfactory completion of Algebra II/Trigonometry or its equivalent. The text for this course is *Physics: Principles with Applications* by Douglas C. Giancoli. **This course fulfills the requirements for the IB Physics (SL) course. Twelfth grade students have priority scheduling for this course.** *Note: Double period course*

## CHEM 101: Chemistry

*Grades:* 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is designed to give the student a working knowledge of chemistry by emphasizing chemistry-related technology issues now confronting our society and the world community. This course is also designed to give the student a working knowledge of many major topics of chemistry. Emphasis in the course is on learning and relating chemical principles with each other and then using mathematics in chemical problem solving. The main areas of study are: Atomic structure, Periodic law, Formula writing and equations, Mole concept and stoichiometry, Gas laws, Acids and bases, Equilibrium, Nuclear chemistry, Kinetics, and Electrochemistry. Another major emphasis is on laboratory work and the proper use of the scientific method.

## CHEM 302: Advanced Chemistry

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course will offer an in-depth investigation on topics not reached in general chemistry. Focus will be on reaction rates, equilibrium, acid – base chemistry, and electrochemistry. There will be further opportunity for students to engage in inquiry based projects in chemistry. **Prerequisite:** Chemistry

### CHEM 303: Intro to Organic Chemistry

**Grades:** 11, 12      Intro to Organic Chemistry will cover the fundamental basics of organic chemistry, preparing students to be successful in a university level organic chemistry course. Topics will include homologous series including functional groups such as alkanes, alkenes, alkynes, alcohols, ketones, esters, ethers, and carboxylic acids.  
**Credits:** 0.5  
**Length:** Semester  
**Offered:** Fall      **Prerequisite:** Chemistry

### CHEM 304: Medicinal Chemistry

**Grades:** 11, 12      Students will engage with chemistry topics found in medicinal fields. Students will investigate pharmaceuticals and drug actions, opiates, chemical regulation of system in human bodies, anti-viral medications, environmental impact of medicine, and nuclear medicine. **Prerequisite:** Chemistry  
**Credits:** 0.5  
**Length:** Semester  
**Offered:** Spring

### CHEM 305: Energy and Material Chemistry

**Grades:** 11, 12      Students will engage with problems surrounding energy production and storage in our society. Traditional and alternative energy sources will be investigated including fossil fuels, nuclear, solar, and other renewable energy sources. Batteries and electrochemistry will be the focus energy storage. The material science portion of the class will include topics such as catalysts, liquid crystals, polymers and nanotechnology. **Prerequisite:** Chemistry  
**Credits:** 0.5  
**Length:** Semester  
**Offered:** Spring

### BIO 101: Biology

**Grades:** 11, 12      Biology is a yearlong required course. During the first semester there is an emphasis on biochemistry, photosynthesis, respiration and genetics. During the second semester the topics include evolution, systematics, phylogenetics, and the basic principles of Ecology. Instructional techniques will include a combination of lecture, laboratory work, research projects and computer simulations. This course does not fulfill IB science requirements.  
**Credits:** 1.0  
**Length:** Full year

### BIO 201: Environmental Science

**Grades:** 9, 10, 11, 12      One goal of this course is for students to learn scientific principles and methodologies necessary to understand the interrelationships in the natural world identify and analyze environmental problems and explore various solutions for resolving or preventing environmental problems. A second goal is to provide opportunities for students to engage in real life sustainability projects on campus and in the local community. Instructional techniques will include a combination of lecture, laboratory/field work, research projects and computer simulations. Students also participate in the Envirothon competition.  
**Credits:** 1.0  
**Length:** Full year

### BIO 301: IB Biology I\*

**Grades:** 11      Biology I is a one-year International Baccalaureate course. During this first year, the first semester will have an emphasis on ecology, biochemistry, cell functions, photosynthesis and respiration. During the second semester the topics include DNA, genetics, and evolution. **This course fulfills the first year requirement for the IB Biology (HL) course. Note: Double period course**  
**Credits:** 1.0  
**Length:** Full year

### BIO 401: IB Biology II\*

**Grades:** 12      Biology II is the second year of the International Baccalaureate course. We will focus on plant physiology, animal physiology, perform IAs, and review for the IB exam. **This course fulfills the second year requirement for the IB Biology (HL) course. Prerequisite:** BIO 301: IB Biology I\*  
**Credits:** 1.0  
**Length:** Full year

# Social Studies Department

## **HIST 111: World History I: The Ancient World**

*Grades:* 9  
*Credits:* 1.0  
*Length:* Full year

In this introductory survey course, students learn about many of the great ancient civilizations of the world and how these civilizations contributed to the current era. The class is structured with a thematic /chronological approach from the earliest stages of human history to the Fifteenth Century. Attention is given to developing basic and advanced geography and social studies skills.

## **HIST 211: World History II: The Modern World**

*Grades:* 10  
*Credits:* 1.0  
*Length:* Full year

World History II focuses broadly on the history of the peoples of the world from the Fifteenth Century to the present including political, cultural and social concerns. The goal of the course is for the student to gain a comprehensive structural framework from which to view the world. Social Studies skills are reinforced and further developed in continuation of basic and advanced geography and social studies skills introduced and developed in World History I.

## **HIST 311: United States History**

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

This advanced-paced course covers major social, political, and topical themes by focusing on the history of the United States and its relationship with other nations in the western hemisphere. Students will follow a rigorous schedule of readings, discussions, and writing assignments designed to develop the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States and global history.

## **HIST 341: World Affairs I: Political Institutions, World Events**

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

Social studies skills such as analysis, historical research, critical thinking and writing will be reinforced as students explore the current events, political ideologies and political institutions that affect the world as we experience it today. This class is usually followed by World Affairs II.

## **HIST 342: World Affairs II: Introduction to Today's World**

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

Students explore regional Issues and Conflicts with historical backgrounds through current events, research, discussion, debate, and presentations. This class is taken usually taken following World Affairs I.

## **HIST 361: Law and Government**

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

This advanced course is an investigation and survey of the basic principles of the United States system of government. Students dissect U.S. democracy, encountering the fundamental philosophy and values that have shaped the way our government works. Students apply their knowledge of the ideals and workings of U.S. government by examining current legal and governmental issues – terrorism, capital punishment, immigration, etc. through the lens of law, justice, and popular opinion.

## **HIST 371: Introduction to Economics**

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

This advanced course is an introductory exploration of microeconomics. Students learn the basic fundamentals of economic theory through analysis of the ways that individuals, households, and firms make decisions to allocate scarce resources. Students are expected to complete an advanced-level program of readings, research, writing assignments, and performance assessments. Topics examined include supply and demand, business organization, investing and the stock market, and personal finance.

## **HIST 431: 20<sup>th</sup> Century World History (IB History II)\***

*Grades:* 11, 12

*Credits:* 1.0

*Length:* Full year

This course continues study of major social, political, and topical themes of the 20th Century through the focus on the history of the United States and the World. Students will continue to follow a rigorous schedule of readings, discussions, and writing assignments designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States and global history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical materials, to weigh the evidence and interpretations presented in historical scholarship, and to add to historical scholarship as historians in their own right. **This course fulfills the second year requirement for the IB History (HL) course. This course fulfills the requirement for the IB History (SL) course. Preference is given to IB Certificate and IB Diploma students.**

# Theology Department

## THEO 111: Theology I: Theological Foundations

*Grades:* 9, 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

This course introduces students to the academic discipline of Theology. Students examine major subject areas including: scripture, liturgy and prayer, philosophy, morality, history, doctrine, and religious life. The major objective of this course is to provide students with a knowledge base and skill set that allows for deeper study in subsequent Theology courses.

## THEO 211: Theology II: Scripture Studies

*Grades:* 10, 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall, Spring

This course is designed to familiarize students with foundational, biblical texts and with the different ways these texts have been read through the centuries. The course features at least one major section from each to Old and New Testaments, with examination of the relationship between the two. Students will learn about the major events of the Bible, and examine basic hermeneutical methods of study of the text.

## THEO 311: Theology III: Church History and Teachings

*Grades:* 11, 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Fall

This course offers an overview of church history with consideration of how key topics and concerns of the faith have developed, including: God, Trinity, Christ, grace, salvation, church, sacraments, and worship. Students will develop skills in theological thinking that is demonstrated in speaking and writing.

## THEO 321: Youth in Theology and Ministry (YTM)

*Grades:* 10, 11  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Summer

This course is a joint effort by the Theology Department at Saint John's Preparatory School and the Youth in Theology and Ministry (YTM) program of Saint John's University School of Theology. Students seeking this option apply for participation in the Summer 2017 and Summer 2018 student cohorts through the YTM program and can apply the experience toward the Theology III course at SJP. The YTM program involves 50 total hours of classroom theological instruction, spiritual formation and service project design and implementation in two week-long summer residential camps at Saint John's University (one per summer) and a January service retreat (2018). Students who successfully apply and enroll in this option meet regularly with a designated SJP teacher to evaluate progress and support efforts, as well as to assess for grading purposes. Credit this course option will be awarded upon successful completion of the entire program.

## THEO 411: Theology IV: Moral Theology

*Grades:* 12  
*Credits:* 0.5  
*Length:* 1 semester  
*Offered:* Spring

This course introduces students to basic concepts and debates encountered in thinking about the moral life in the historical and contemporary intellectual tradition of the Church. The first part of the course focuses on fundamentals of moral theology and philosophy and includes such concepts as human action, human agency, natural law, freedom, conscience, and the Christian moral life. The second part of the course focuses on application of Christian moral reasoning to contemporary issues.

## THEO 451: IB Philosophy of Religion (SL)\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

This full-year course focuses on engaging students in critical thinking, specifically in the training and practice of philosophy in the Western tradition. Studies focus centrally on the meaning of the human experience, as considered by thinkers ancient to contemporary; Logic and argument, knowledge, reality, self and consciousness, free will and causality, religious expression and other topics found the basis of the curriculum. All students prepare for the IB examinations in this course, evaluating Plato's Republic in the Fall semester and envisioning and completing a major essay in the Spring, in addition to completing the final examinations in early May. **This course fulfills the Theology IV requirement.**

# World Language Department

## Chinese

### CHIN 101: Chinese I

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is for students to learn Mandarin Chinese at a basic level. Students will learn to listen, speak, read and write in Chinese Pinyin and character. They will learn simple Chinese language structure to express them and communicate with others on topics closely related to their own experiences and daily life. Students will explore culture through current events, songs, idioms, TV programs and movies. **The Ab initio course (a part of IB) is taught within this level.**

### CHIN 151: Chinese II

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course in elementary Chinese is designed for students who have completed Chinese I or its equivalent. Students will learn to talk about when, where, what, how things are happening, have happened and will happen. They will learn to give more complex description and commands, and begin to support arguments. Students will learn the basic vocabularies, sentence patterns, and their usages introduced in the textbook Integrated Chinese Level 1, Part 2. **The Ab initio course (a part of IB) is taught within this level.**

### CHIN 201: Chinese III

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course in intermediate Chinese is designed for students who have completed Chinese II or its equivalent. The course will help students develop reading, speaking, listening and writing skills and the awareness of cultural aspects through a range of texts and materials. Students will learn the uses of new vocabularies and idiomatic expressions. Students will explore Chinese culture and literature through selected readings and video materials. **The Ab initio course (a part of IB) is taught within this level.**

### CHIN 251: Chinese IV\*

*Grades:* 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

A rigorous course in intermediate Chinese is designed for students who have completed Chinese III or its equivalent. Students will learn to express themselves using complicated grammar structures in the sentences, paragraphs and essays. They will learn to give more complex description and commands, and begin to support arguments. Students will study history of China and more Chinese culture through selected readings, current events, songs, idioms, TV programs and movies. **The course may be taken in partial fulfillment of requirements for the IB Chinese (SL) or IB Chinese (HL) courses. Students will enroll for the appropriate IB language course in coordination with their instructor.**

### CHIN 301: Chinese V (IB Chinese)\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

This advanced course in Chinese Language and Culture is open to students who have successfully completed Chinese IV. They will further develop reading, speaking, listening and writing skills at an advanced level and the awareness of cultural aspects through a range of reading materials. Students will be able to have sound knowledge of the whole picture of Chinese grammar. Students will be able to initiate and sustain conversations covered by texts and materials. They will be able to express themselves using complicated grammar structures in the sentences, paragraphs and short essays. The students will learn Chinese literature. **The course may be taken in partial fulfillment of requirements for the IB Chinese (SL) or IB Chinese (HL) courses. Students will enroll for the appropriate IB language course in coordination with their instructor.**

# World Language Department

## German

### GERM 101: German I

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is designed as an introduction to German language and culture. No prior knowledge of German is assumed or expected. Throughout the year, we will progress through eight units. Each unit will last about one month and will conclude with a test. The tests will assess vocabulary, grammar, reading comprehension, listening comprehension, writing, and speaking. On occasion, quizzes will be used to assess specific topics. In addition to German language, there will be a strong emphasis on German-speaking culture. **The Ab initio course (a part of IB) is taught within this level.**

### GERM 151: German II

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is designed as an intermediate course in German language and culture which expands upon what was learned in German I. Throughout the year, we will progress through eight units. Each unit will last about one month and will conclude with a test. The tests will assess vocabulary, grammar, reading comprehension, listening comprehension, writing, and speaking. On occasion, quizzes will be used to assess specific topics. In addition to German language, there will be a strong emphasis on German-speaking culture. **The Ab initio course (a part of IB) is taught within this level**

### GERM 201: German III

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is designed as an intermediate-advanced course in German language and culture which expands upon what was learned in German II. By the end of German III, students will have been exposed to all components of German grammar. Throughout the year, we will progress through eight units. Each unit will last about one month and will conclude with a test. The tests will assess vocabulary, grammar, reading comprehension, listening comprehension, writing, and speaking. On occasion, quizzes will be used to assess specific topics. In addition to German language, there will be a strong emphasis on German-speaking culture. **The Ab initio course (a part of IB) is taught within this level.**

### GERM 251: German IV\*

*Grades:* 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is designed as an intensive exploration of German literature, culture, and language. Throughout the year, we will be exploring this academic domain through the study of major works of literature, short stories, poetry, and texts about history and culture. There will also be a rigorous review of grammar and usage. Throughout the year, there will be several formal written and oral assignments. **The course may be taken in partial fulfillment of requirements for the IB German (SL) or IB German (HL) courses. Students will enroll for the appropriate IB language course in coordination with their instructor.**

### GERM 301: German V (IB German)\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

Language B is a language acquisition course developed at two levels—standard level (SL) and higher level (HL)— for students with some background in the target language. While acquiring a language, students will explore the culture(s) connected to it. The focus of these courses is language acquisition and intercultural understanding.

The language B syllabus approaches the learning of language through meaning. Through the study of the core and the options at SL and HL, plus two literary works at HL, students build the necessary skills to reach the assessment objectives of the language B course through the expansion of their receptive, productive and interactive skills.

SL and HL are differentiated by the recommended number of teaching hours, the depth of syllabus coverage, the study of literature at HL, and the level of difficulty and demands of assessment and assessment criteria.

**The course may be taken in partial fulfillment of requirements for the IB German (SL) or IB German (HL) courses. Students will enroll for the appropriate IB language course in coordination with their instructor.**

# World Language Department

## Spanish

### SPAN 101: Spanish I

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

An introduction to the basic elements of Spanish. Practice in understanding, speaking (including work with pronunciation), reading and writing, grammar and culture. Students will develop a vocabulary in basic conversational Spanish, which serves as a foundation for further study. **The Ab initio course (a part of IB) is taught within this level.**

### SPAN 151: Spanish II

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

Review and continued study of grammar and vocabulary, together with additional training in understanding, speaking, reading and writing. Refinement of grammar skills and vocabulary to the intermediate level. Practice in carrying on meaningful conversation in realistic situations. **The Ab initio course (a part of IB) is taught within this level.**

### SPAN 201: Spanish III

*Grades:* 9, 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course builds on the basic knowledge of vocabulary and grammar and is intended to further the development of listening, speaking, reading and writing skills that the students already possess. Students will begin an acquaintance of Spanish and Latin American authors and their works. The grammar learned in the first two years is refined and reviewed. Great emphasis is placed on conversational skills and the use of Spanish in the classroom. Students continue to foster an appreciation for the culture and civilization of the Spanish speaking people. **The Ab initio course (a part of IB) is taught within this level.**

### SPAN 251: Spanish IV\*

*Grades:* 10, 11, 12  
*Credits:* 1.0  
*Length:* Full year

Fourth year attempts to integrate, reinforce and expand previously learned communication skills in Spanish. Students will learn about the Americas as well as Spain while surveying contemporary literature in forms of short stories, poems, novels, newspapers, and magazine articles. Students will also study music, art and movies from the various Spanish-speaking countries. Increased awareness about political, historical, literary, and other cultural issues and newly formed opinions will be reflected in frequent small group discussions and reaction papers. **The course may be taken in partial fulfillment of requirements for the IB Spanish (SL) or IB Spanish (HL) courses. Students will enroll for the appropriate IB language course in coordination with their instructor.**

### SPAN 301: Spanish V (IB Spanish)\*

*Grades:* 11, 12  
*Credits:* 1.0  
*Length:* Full year

This course is designed to give students familiarity with the skills necessary for success on the IB Spanish B Exam. The course integrates reading, composition, listening exercises and conversation and it develops the learners' receptive, productive and interactive skills. Students are exposed to the world of Hispanic literature and current events through authentic written texts, including newspaper and magazine articles, literary texts and radio/TV programs/movies. Students will gain intercultural understanding and necessary skills in order to be able to communicate successfully in Hispanic speaking world. The course will provide an appropriate academic challenge and encourage the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. **The course may be taken in partial fulfillment of requirements for the IB Spanish (SL) or IB Spanish (HL) courses. Students will enroll for the appropriate IB language course in coordination with their instructor.**

*Updated: 2/8/2017*