

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

English Department

English 9

One Year

Grade 9

Prerequisite: English 8

This freshman course is rooted in the study of various literary genres and styles, using them to provide models to foster the development of creative and interpretive writing and thinking as well as to enhance student reading fluency. In the interest of preparing new upper school students in a pre-IB Diploma environment, students will identify and deconstruct elements and devices found in literature, build an academic vocabulary, and practice oral presentations. Special topics include developing a research question, outlining, using MLA in-text documentation style, organizing an essay, integrating textual evidence, using transitions, revising for sentence sense, and reviewing grammar and punctuation rules. Preparation for standardized testing is provided to enhance skills in this area, especially with the PSAT test which is administered as practice in 9th grade. Vocabulary is included as a parallel study to be integrated into all writings.

English 10

One Year

Grade 10

Prerequisite: English 9

This sophomore course is designed to increase the student's ability to structure and organize more effective paragraphs and essays and to develop a more powerful and complex prose style. Students will write frequently and in a variety of forms, both expository and creative, and will practice writing as a process as well as focus on oral presentations and oral commentaries. Special emphasis will be placed on the application of the rules of correct grammar and sentence revision for more powerful expression. Spelling, vocabulary skills, and PSAT preparation will be addressed. World literature will be read and discussed to enhance the writing program. Important components of this course include the Capstone Project and IB-related skills such as writing appropriate research questions, outlining, integrating textual evidence, creating an annotated bibliography, and constructing a critical analysis using MLA in-text documentation style as well as exploring other stylebooks for various disciplines.

IB Literature SL

Two Years

Grades 11/12

Prerequisite: English 10, Departmental Approval

IB English Literature, Standard Level, is a two-year course designed to develop and strengthen listening, speaking, reading and writing skills through a variety of teacher-initiated and student-centered activities. These activities incorporate and advance ideas related to literature,

Lausanne Collegiate School

history, culture, political and natural environments, and interpersonal and intrapersonal relationships with the goal of furthering critical thinking and promoting international mindedness. Students who successfully complete this course will be able to communicate effectively in speaking and in writing about a wide range of topics related to literature. Formal and informal oral presentations, as well as formal and informal written tasks are a requirement and will be based upon a selected group of primary texts and related secondary sources. Students will be evaluated through tests and quizzes, formal compositions and informal writings, including specific analyses and commentaries, frequent oral assessments, and projects. At the end of the two-year sequence, students will take the IB External Assessment consisting of one oral commentary on a passage from one of the texts studied and two written exams--one analysis paper on one of the texts studied and one written commentary on an unseen passage. In addition, students at the Standard Level will send to the IBDP one world literature paper that they prepared during the junior year. Assessment standards for SL and HL classes are slightly different although the assessments themselves are the same.

IB Literature HL

Two Years

Grade 11/12

Prerequisite: English 10, Departmental Approval

English AI Literature, Higher Level, is a two-year course designed to develop and strengthen listening, speaking, reading and writing skills through a variety of teacher-initiated and student-centered activities. These activities incorporate and advance ideas related to literature, history, culture, political and natural environments, and interpersonal and intrapersonal relationships with the goal of furthering critical thinking and promoting international mindedness. Students who successfully complete this course will be able to communicate effectively in speaking and in writing about a wide range of topics related to literature. Formal and informal oral presentations, as well as formal and informal written tasks are a requirement and will be based upon a selected group of fifteen primary texts and related secondary sources. Students will be evaluated through tests and quizzes, formal compositions and informal writings, including specific analyses and commentaries, frequent oral assessments, and projects. At the end of the two-year sequence, students will take the IB External Assessment consisting of one oral commentary on a passage from one of the texts studied and three written exams--one analysis paper on one of the texts studied and one written commentary on an unseen passage. In addition, students at the Higher Level will send one world literature paper that they prepared during the junior year to the IBDP. Higher Level students are required to present more analysis in writing and are required to include more detail and longer responses during oral assessments. Assessment standards for SL and HL classes are different although the assessments themselves are the same.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

stories, novellas, and movies, students will discover the ways that Sci-Fi/Fantasy uses elements from mythology and fairy tales as well as historical elements to appeal to modern audiences. In addition, the class will examine historical and cultural contexts for the works studied.

Graphic Novels

One Term

Grades 11-12

This course builds on students' pre-existing knowledge of analysis and writing and uses different genres to expand critical and creative thinking as well as writing and speaking skills. Course work will be informal (everyday tasks) and formal (larger assignments). Students will read and study graphic novels based on myths, fairy tales, history, and current Sci-Fi/Fantasy novels.

Fine Arts Department

Upper School Performing Arts

Theatre Appreciation

One Term

Grades: 9-12

This course is designed to introduce students to various genres of theatrical literature and explore theatrical traditions of varying time periods and cultures. Students will read, discuss, perform and create projects based on the plays studied. Grades will be based on projects, presentations, collaborative exercises, papers and tests. The course will culminate in a final collaborative project.

Theatre Design and Production

One Term

Grades: 9-12

This course is designed for the student who is interested in the aesthetics of theatre. Students will read and analyze plays, explore the elements of design and, ultimately create their own set and costume designs. Students will also be introduced to the elements of light, prop and sound design. This course will involve crafting, building and painting at certain times as well as reading and analyzing theatrical literature. Grades will be based on projects, journals, presentations and collaboration. The course will culminate in a final project that will demonstrate all the elements of design and theatre production.

Acting Styles

One Term

Grades: 9-12

Lausanne Collegiate School

This course is designed for the performer. Students will study basic and advanced acting techniques while performing scenes and monologues and studying plays of various genres such as, realism, restoration comedy, musical theatre and documentary theatre. Grades will be based on journal reflections, presentations, papers and projects. The class will culminate in an in class performance.

IB Theater SL

Two Years

Grades 11/12

The theatre course emphasizes the importance of working individually and as a member of an ensemble. Students are encouraged to develop the organizational and technical skills needed to express themselves creatively in theatre. A further challenge for students following this course is for them to become aware of their own perspectives and biases and to learn to understand and value those of others. This requires a willingness to understand alternative views, to respect and appreciate cultural diversity, and to see the varied role that theatre plays in reflecting these. At the core of the theatre course lays a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which should be achieved through practical engagement in theatre. Preparation for Theatre Assessments begin in first year and continue throughout the second year. These assessments include: preparing a Director's Notebook; Researching and world Tradition; and Creating a Collaborative Original Piece of Theatre.

IB Theatre HL

Two Years

Grades 11/12

The theatre course emphasizes the importance of working individually and as a member of an ensemble. Students are encouraged to develop the organizational and technical skills needed to express themselves creatively in theatre. A further challenge for students following this course is for them to become aware of their own perspectives and biases and to learn to understand and value those of others. This requires a willingness to understand alternative views, to respect and appreciate cultural diversity, and to see the varied role that theatre plays in reflecting these. At the core of the theatre course lays a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which should be achieved through practical engagement in theatre. Preparation for Theatre Assessments begin in first year and continue throughout the second year. These assessments include: preparing a Director's Notebook; Researching and world Tradition; and Creating a Collaborative Original Piece of Theatre. In HL a Solo Piece of Theatre based upon research of a particular Theatre Theorist is the final assessment.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Advanced Dance Techniques

One Year

Grades: 9-12

Prerequisite: Departmental Approval

Advanced Dance Techniques allows the experienced dancer to strengthen their technique and enhance their artistry through the study and practice of contemporary, ballet, modern, and jazz dance. In addition to technique classes, students will explore the history and current state of dance, and by investigating dance as it relates to other artistic disciplines. We will study elements of a wide variety of contemporary and modern dance styles and practices through movement explorations, dance composition and analysis, readings, discussions, videos, written responses, collaborative projects, and attendance at live dance events. By examining dance in both global and local contexts we will move towards a fuller appreciation and understanding of the influence of dance in everyday life.

Dance I

One Year

Grades: 9-12

This course will introduce students to dance by exploring the multiple genres and purposes of the art form through hands-on experiences, exploring the history and current state of dance, and by investigating dance as it relates to other artistic disciplines. We will study elements of a wide variety of dance styles and practices through movement explorations, dance composition and analysis, readings, discussions, videos, written responses, collaborative projects, and attendance at live dance events. By examining dance in both global and local contexts we will move towards a fuller appreciation and understanding of the influence of dance in everyday life.

Genres studied include: ballet, contemporary, modern, jazz, hip hop, social dance, and world dances.

Focuses of Dance I include: dance technique, dance improvisation, dance composition, and dance performance.

Instrumental Music SL

One Year

Grades 9-12

Prerequisite: Departmental Approval

This course offers the opportunity to further instrumental music or band instruction begun in middle school. Students will also continue study of basic music theory skills, the keyboard, and music history. As students elect to continue the study of music, the student will be presented with greater challenges technically and musically. Emphasis is placed upon technical development and authentic stylistic interpretation of literature in addition to understanding the elements of music (i.e. melody, harmony, rhythm, form, timbre) and experiencing various music genres.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Students will perform publicly at school functions and community events. This course may be repeated for credit. A student may elect instrumental music all four years.

Band students enrolled in the full IB diploma program will be enrolled in zero-hour class times and must meet class attendance, performance/audition and at-home practice requirements.

Instrumental Music HL

One Year

Grades 11/12

Prerequisites: Two years of Instrumental Music SL

This course offers the opportunity to further instruction of woodwind, brass and percussion instruments. Emphasis is placed on developing more advanced playing skills and authentic stylistic interpretation of literature. Students enrolled in this course are strongly encouraged to maintain regularly scheduled private lessons during the school year and are required to prepare for All West Honor Band auditions. Students musicianship and note reading ability will be determined prior to being admitted to this course and should be reflective of several years of music study. They will also continue study of basic music theory skills, the keyboard, and music history.

Musicians enrolled in this course will perform publicly at school functions and community events on their instrument of study. This course may be repeated for credit. Students enrolled in Instrumental HL will also be required to participate in Tri-M music society.

Band students enrolled in the full IB diploma program will be enrolled in zero-hour class times and must meet class attendance, performance/audition and at-home practice requirements.

Chorus SL

One Year

Grades 9-12

Prerequisite: Departmental Approval

The Upper School Chorus performs a wide range of traditional and contemporary choral literature in concerts both on and off campus throughout the school year. In preparation for these performances, students will contrast and compare the stylistic characteristics of the works performed and associate various musical styles with other academic disciplines such as history and language arts. In this course students will acquire sight-singing skills, knowledge of music theory, and proper singing techniques. A student may elect chorus all four years.

Chorus students enrolled in the full IB diploma program will be enrolled in zero-hour class times and must meet class attendance, performance/audition and at-home practice requirements.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Chorus HL

One Year

Grades 11/12

Prerequisite: Two years of Chorus SL

The Upper School Chorus performs a wide range of traditional and contemporary choral literature in concerts both on and off campus throughout the school year. In preparation for these performances, students will contrast and compare the stylistic characteristics of the works performed and associate various musical styles with other academic disciplines such as history and language arts. In this course students will acquire higher-level sight-singing skills, knowledge of music theory, and proper singing techniques. A student may elect chorus all four years. Students enrolled in Chorus HL may be required to serve as section leaders, lead vocal warm ups, and prepare for regional choral events such as the All West Tennessee honor choir. Members of Chorus HL will also be required to participate in Tri-M music society.

Chorus students enrolled in the full IB diploma program will be enrolled in zero-hour class times and must meet class attendance, performance/audition and at-home practice requirements.

Intro to Chorus

One Term

Grades 9-12

Prerequisite: Departmental Approval

Students wishing to join the chorus second term will register for Intro to Chorus. Students will be required to perform music from a variety of music styles and learn vocal techniques that are unique to each style. The Upper School Chorus performs a wide range of traditional and contemporary choral literature in concerts both on and off campus throughout the school year. In this course students will acquire sight-singing skills, knowledge of music theory, and proper singing techniques. A student may elect chorus all four years.

Music Technology

One Term

Grades 9-12

Prerequisites: None

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

What does the music of Bach or Beethoven have in common with the Beatles or Beyonce? Step into the role of the songwriter or composer and explore the basic elements of Western music through the aid of music technology. With only a laptop and a MIDI keyboard, a world of creative musical tools is at your fingertips. Students will become familiar with the elements of music (i.e. melody, harmony, rhythm, form and timbre) and how a traditional understanding of these elements can be transformed into twenty-first century music making. Students will learn how to create original compositions while making analytical sense of the music you are surrounded by in everyday life.

IB Music SL

Two Years

Grades 11/12

Prerequisites: None

Students develop their knowledge and potential as musicians, both personally and collaboratively. This course covers aspects of composition, performance, and critical analysis of music, and 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.

Teachers will work with students to help them choose one of three options: Creating (SLC), Solo Performing (SLS), or Group Performing (SLG). In the second year, teachers will work with students to help them with their creating and solo performing aspect. Students are assessed both externally and internally. External assessment consists of the Listening Paper and the Musical Links investigation. For the internal assessment, each student's work in original composition, solo performance, or group performances is evaluated.

IB Music HL

Two Years

Grades 11/12

Prerequisite: Departmental Approval

Teachers will work with students to help them with their creating compositions and solo performing. Students are assessed both externally and internally. External assessment consists of the Listening Paper and the Musical Links investigation. For the internal assessment, each student's work in original composition, solo performance, or group performances is evaluated.

Guitar Around the World

One Term

Grades 9-12

Prerequisites: None

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Nearly every culture around the world has its own version of the guitar and guitar music. This course will introduce students to various styles of guitar music and playing as it relates to a particular country or region of the world. Students will become familiar with guitar history and evolution of playing styles while also becoming familiar with music vocabulary and music theory. Guitar playing will be part of this class. This class is repeatable since each term will focus on a different region or style of guitar music in addition to allowing students to develop playing skills. Acoustic guitars will be provided for class time but students are welcome to bring their own guitar.

Visual Arts

Art 1

One Year

Grades 9-12

This course is a combined studio art, artist influence, and art history class for the beginning high school student, with the general aim of improving student skills, building individual abilities, instilling art appreciation, and encouraging creative forms of expression. Studio art activities include drawing, painting, linear perspective and art form exploration. At the freshmen or sophomore levels, this course is intended to help prepare students for success in IB Visual Arts.

Advanced Art

One Year

Grades 10-12

Prerequisite: Art 1, or Art 1 and previous credit in Advanced Art with departmental approval

This course is a combined studio art, artist influence, and art history class for the artistically skilled high school student, with the general aim of further improving student skills in various art forms, building individual abilities, instilling art appreciation, encouraging creative forms of expression, and developing a personal artistic voice for the serious art student who intends to major in art or a related field at the university level. Class work is related to specific art and artists on a topical basis; artists of various periods and styles will be studied. Students may be required to prepare a portfolio for review. Senior portfolios will be required, and will be executed based on a thesis statement, then reviewed by a professional review panel of visual art experts. At the sophomore level, this course is intended to help prepare students for success in IB Visual Arts.

This course may be repeated for credit.

2-D Design

One Term

Grades 9-12

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

This course is an introduction to two-dimensional design that emphasizes visual thinking through the development of a vocabulary of the elements and principles of design, a conceptual approach to applying them creatively, and a respect for craftsmanship in their applications.

Media Arts

One Term

Grades 9-12

This course provides an introduction to the creation of original digital works in the disciplines of logo design, digital illustration, infographic design, web design, animation, stop motion animation, and 3-D animation using software applications such as Adobe CS, Autodesk MAYA and various other computer software applications. Because of digital lab capacity requirements, this course is limited to 20 students.

Digital Video & Special FX

One Term

Grades 9-12

Prerequisite: Media Arts, 2-D Design, or Instructor Approval with Portfolio

This course provides further development in the execution of original digital works in the discipline of digital video creation, editing, compositing and special effects using an iPhone, or a digital video camera, and software applications such as iMovie and FinalCut Pro, along with various other computer software applications. Because of digital lab capacity requirements, this course is limited to 20 students.

Introduction to Web Design

One Term

Grades 9-12

Prerequisite: Media Arts, 2-D Design, or Instructor Approval with Portfolio

This course provides an introduction to the creation and maintenance of websites using HTML and Adobe Dreamweaver. Because of digital lab capacity requirements, this course is limited to 20 students.

Introduction to Photography

One Term

Grades 9-12

This course involves the study of analog photography as both an art form and a technical skill. Areas covered include history of photography, composition, conceptual expression, basic camera techniques and analog photographic chemical processing in a lab environment.

Students must maintain, for their use, a fully manual SLR 35mm film camera and provide film and photographic paper for use in class.

Lausanne Collegiate School

Photography I

One Term

Grades 9-12

Prerequisite: Introduction to Photography

This course provides an introduction to using Adobe Photoshop software. Students will produce digital work that engages all the fundamental elements of visual art in order to develop the photographic eye.

Students must own or purchase a digital camera for their exclusive use that has at least 4 megapixels resolution, different lighting/situation settings and optical zoom. A digital SLR camera is strongly recommended. Students are responsible for keeping a working and usable laptop computer throughout the course and providing batteries for use in their digital camera.

Photography II

One Term

Grades 9-12

Prerequisite: Photography I

This course involves the use of progressive techniques in digital imaging, and emerging artistic expression using a digital camera and Adobe Photoshop software to manipulate digitally produced images. Students will produce work that reveals advanced technical skill and artistic expression using digital cameras and Adobe Photoshop software.

Students must own or purchase a digital camera for their exclusive use that has at least 4 megapixels resolution, different lighting/situation settings and optical zoom. A digital SLR camera is strongly recommended. Students are responsible for keeping a working and usable laptop computer throughout the course and providing batteries for use in their digital camera.

Photography III

One Year

Grades 10-12

Prerequisite: Photography II and Departmental Approval

This course is intended exclusively for students who have a sincere and enduring interest in the art of photography, and involves the advanced use of a 35mm film camera, a digital camera, and Adobe Photoshop software skills in the pursuit of successful varied forms of art photography. Students are required to reflect on the progress of their work by journaling, and will encounter conceptual filters and scenarios as starting points for their creative expression in photography. The course concludes with a cross-curricular collaborative group project.

Students must maintain, for their use, a fully manual SLR 35mm film camera and provide film and photographic paper for use in class. Students must own or purchase a digital SLR camera that has at least 11 megapixels resolution, different lighting/situation settings and optical zoom.

Lausanne Collegiate School

Students are responsible for keeping a working and usable laptop computer throughout the course and providing batteries for use in their digital camera.

IB Visual Arts SL

Two Years

Grades 11/12

Prerequisite: Departmental approval

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

IB Visual Arts HL

Two Years

Grades 11/12

Prerequisite: Departmental approval

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

Atelier SL

One Year

Grades 9-12

Classical Drawing, Painting, Printmaking, Sculpting and Calligraphy

The Michelangelo Project offers classical fine art training. Concentrating mostly on realistic drawing and painting, it trains artists to high technical levels by studying in the tradition of past masters. Similar to a master-apprentice education, the instructor regularly presents demonstrations and critiques. Training is individualized and addresses the unique needs of each artist. Students regularly work with a live art model. During the fourth quarter, the artists have the option to study intaglio printmaking, sculpture or calligraphy. Students remaining in good standing may continue in the course provided scheduling and curricular requirements are met.

Lausanne Collegiate School

This course well prepares students with solid drawing skills- an integral and important part of IB Visual Arts.

This course may be repeated for credit.

Atelier HL

One Year

Grades 9-12

Classical Drawing, Painting, Printmaking, Sculpting and Calligraphy

The Michelangelo Project offers classical fine art training. Concentrating mostly on realistic drawing and painting, it trains artists to high technical levels by studying in the tradition of past masters. Similar to a master-apprentice education, the instructor regularly presents demonstrations and critiques. Training is individualized and addresses the unique needs of each artist. Students regularly work with a live art model. During the fourth quarter, the artists have the option to study intaglio or linocut printmaking, sculpture, or calligraphy. Students remaining in good standing may continue in the course provided scheduling and curricular requirements are met. This course well prepares students with solid drawing skills- an integral and important part of IB Visual Arts. Atelier students in their third year of training are expected to possess high-level skills, a strong independent work ethic and are required to create studies for long-term artworks.

This course may be repeated for credit.

Art Studio Apprentice

Two Terms

Grades 9-12

Prerequisite: Teacher approval required

Designed for a small number of motivated advanced artists interested in studio management and art materials, this course introduces students to a variety of media and processes used in the traditional fine art atelier. Studio apprentices will learn about different mediums and how to prepare them, palette preparation, working with professional fine art models, and will assist the instructor in multiple facets of studio management. While this is a “two-term class”, it will meet for short sessions during scheduled Zero Hours and after school over the course of a full academic year. The time necessary to fulfill the requirements of this course is similar to a two-term class. Enrollment is limited and instructor approval is required.

This course may be repeated for credit.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Introduction to Sculpture

One Term

Grades 9-12

Introduction to formal, organizational, and expressive concerns related to the development of three-dimensional art forms. Additionally, students will explore materials, methods, and ideas related to the development of sculptural concepts. Students will gain skill in casting, mold making, brazing, woodworking, and mixed materials.

Sculpture

One Term

Grades 9-12

Prerequisite: Introduction to Sculpture

This course is an introduction to the basic elements, techniques, and history of sculpture. The student will focus on individual artistic development, using both traditional and nontraditional three-dimensional materials such as wood, plaster, metal, mold-making and casting, basic electronics, and motors. Students will gain an appreciation for and knowledge of sculptural form through hands-on projects. Students will emphasize careful consideration of craft, form, space, site, presentation, and context. This course will provide a forum for the discussion and exploration of contemporary sculptural practices, and the possibilities made available by such an expansive field. Whereas this is a studio-oriented class with a strong physical basis, this class will be examining these issues via readings, lectures, slides, videos, and other materials.

No textbook required

Public Art Project

One Term

Grades 10-12

Prerequisite: Art 1 or departmental approval with portfolio

Students enrolled in this course will work collaboratively to develop and create an art project that will be installed on Lausanne's campus. Taking in consideration the following: significance of placement in the public arena, awareness of the need for research, development of an artistic process, and the relationship that exist between the arts and the community.

Introduction to Ceramics

One Term

Grades 9-12

This course is a beginning studio course in ceramics. Introduction to the properties of clay, hand building techniques, methods of decoration and glazing, ceramic history and creative problem solving.

Lausanne Collegiate School

Ceramics I

One Term

Grades 9-12

Prerequisite: Introduction to Ceramics

This course is intended for those studying ceramics for the first time. Students will explore a variety of hand-building techniques including pinch, slab, coil, and extruded forms. The primary emphasis is on studio work leading to a portfolio of finished functional and non-functional pieces by the end of the semester. Students will be able to create as well as appreciate expressive, beautiful three-dimensional clay forms. Students will develop an understanding of other cultures and periods of human expression in clay and will begin to be proficient at forming clay objects themselves. Finally, students will learn to increase the scale of their work while keeping control over the quality, coherence, and contour of their work. Whereas this class is a studio-oriented class and involves a strong physical basis, we will also explore these issues via readings, lectures, slides, videos, and other materials.

Ceramics II

One Term

Grades 9-12

Prerequisite: Ceramics

An intermediate course in ceramics to familiarize the student with advanced techniques like the potter's wheel and principles of the clay medium. Development of personal expression and conceptual realization will be explored through a series of assigned projects. There is technical emphasis on wheel throwing, hand-building, and surface techniques.

Introduction to Printmaking

One Term

Grades 9-12

Prerequisite: Atelier, Art 1 or 2-D Design

In an initial overview, students will be introduced to the work of artists and the history and tradition of fine art prints. The significant difference between original fine art prints and reproductions is addressed. Students will first get a glimpse of the various printmaking processes. Then, they will focus on intaglio engraving techniques. Utilizing traditional printing presses and printmaking media, the artists integrate creative brainstorming strategies to produce their own limited-edition print series that reflect their unique artistic visions. In the latter part of this course, students work with multiple-color prints and plate-registration.

Printmaking I

One Term

Grades 9-12

Prerequisite: Introduction to Printmaking

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

This course continues the examination of printmaking focusing on relief printing (linocut) and monoprint techniques. Addressing the distinctive nature of printmaking including: tools, inks, paper, plate preparation, registration, printing processes, and qualities of prints, the goal is for students to gain the skills and confidence to produce multiple images by both hand-printing and on a press while exploring personal visual expression. Printmaking techniques will engage the student with problem solving in drawing, design, and color. Topics may include editions, suites, and artist proofs. Class sessions include printing, lectures, demonstrations, discussions, and critiques.

Printmaking II

One Term

Grades 9-12

Prerequisite: Introduction to Printmaking

Students will expand their understanding and practice of printmaking through an introduction to screen-printing, its history and its many fine art and consumer applications. Then, through technique demos and lectures, students will learn screen-printing processes. Emphasis will be placed on individualized artistic statements by integrating creative conceiving strategies. The artists will produce their own limited-edition print series that reflect their unique artistic visions.

Design Department

Industrial Design

One Year

Grades 9-12

This course seeks to expand student understanding of design theory as it relates to the three-dimensional world. Through a hands-on approach, students will explore modeling, carving, and assemblage while working primarily in wire, paper, Bristol board, corrugated board and foam core. Students will explore concepts of modularity, sequence and series, relief, contour, structure and symmetry. We will examine the function of space, volume, mass, plane, and line by solving design problems. The main emphasis of this course is the development of critical thinking skills and abilities to articulate visual ideas more fully as they apply to three-dimensional art forms, including sculpture, ceramics, architecture, and installation art.

Product Design and Development

One Year

Grade 9-12

This course explores the interdisciplinary aspects of product design and development. Topics include human-centered design, concept generation, classical design, Eco design, material science, design-for-manufacturing, and design-for-disassembly. Approaches to marketing, design, and manufacturing will be emphasized. By completing hands-on projects, students will gain an appreciation for multiple industrial practices and for the essential roles played by various

Lausanne Collegiate School

an important focus of the course. A detailed look at formulae and using and solving for specific quantities is another focus.

Graphics calculators are used as tools to aid in problem solving. They are not meant to replace arithmetic skills, but to enhance learning by allowing graphical interpretation of functions and to allow problem solving with more complex computation.

Pre-Diploma Maths 9 SL

One Year

Grade 9

The Pre-Diploma SL course is an integrated math course which will provide students with the background information leading to the rigorous study of math at the IB level in 11th grade.

This course concentrates on mathematics that includes topics from algebra, geometry, statistics, probability, financial math, trigonometry, and matrices. In each of the areas the focus is on learning basic techniques and then applying them in higher order problem solving. The integrated approach allows skills learned in previous years to be reinforced and learned more in depth. At the same time, new topics are incorporated and applied to the prior learning.

Graphics calculators are used as tools to aid in problem solving. They are also used to aid in graphical approaches to functions and operations. Necessary non-calculator skills are also reinforced throughout the course.

Pre-Diploma Maths 9 HL

One Year

Grade 9

Prerequisite: Math Team recommendation

The Pre-Diploma HL course is an integrated math course which will provide students with the background information leading to the rigorous study of math at the IB level in 11th grade. This course is designed for the student who has shown a propensity towards math and thus can move at a faster pace than the standard level.

This course concentrates on mathematics that includes topics from algebra, geometry, statistics, probability, financial math, trigonometry, and matrices. Additional topics in variation, two variable analysis and logic will be studied. At the higher level the topics will be looked at more in-depth compared to the standard level. In each of the areas the focus is on learning basic techniques and then applying them in higher order problem solving. The integrated approach allows skills learned in previous years to be reinforced and learned more in depth. At the same time, new topics are incorporated and applied to the prior learning.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Graphics calculators are used as tools to aid in problem solving. They are also used to aid in graphical approaches to functions and operations. Necessary non-calculator skills are also reinforced throughout the course.

Pre-Diploma Maths Studies 10 SL One Year Grade 10

The Pre-Diploma SL course is an integrated math course which will provide students with the presumed knowledge required for the IB course Mathematics Studies SL. This course will prepare the student for the rigor and type of math that they will study in their IB course.

This course concentrates on mathematics that includes not only general math skills, but also refining and extending skills and knowledge in algebra and geometry. Included is also some elementary trigonometry, along with a study of probability and statistics. A look at practical applications in mathematics is an important focus of the course. A detailed look at functions and their graphical representations will prepare students for the use of that concept as it is used in future maths.

Graphics calculators are used as tools to aid in problem solving. They are not meant to replace arithmetic skills, but to enhance learning by allowing graphical interpretation of functions and to allow problem solving with more complex computation.

Pre-Diploma Maths 10 SL One Year Grade 10

Prerequisite: Math Team recommendation

The Pre-Diploma SL course is an integrated math course which will provide students with the presumed knowledge required for the IB course Mathematics SL. This course will prepare the student for the rigor and type of math that they will study in their IB course.

This course concentrates on mathematics that includes advanced algebra techniques, coordinate geometry extended to three dimensions, advanced trigonometry including identities, probability and statistics, applications of exponents and logarithms, matrices and transformations, and also an introduction to calculus. Included is a multitude of topics that integrate previous topics allowing students to have a deeper understanding and appreciation for the math they have learned up to this point.

Graphics calculators are used as tools to aid in problem solving. They are also used to aid in graphical approaches to functions and operations. Necessary non-calculator skills are also reinforced throughout the course.

Lausanne Collegiate School

Pre-Diploma Maths 10 HL

One Year

Grade 10

Prerequisite: Math Team recommendation

The Pre-Diploma HL course is an integrated math course which will provide students with the presumed knowledge required for the IB course Mathematics HL. This course will prepare the student for the rigor and type of math that they will study in their IB course. The topics of this course include all those in the SL course at the same grade level yet will move at a faster pace and will delve into a higher level of applications of the mathematics learned.

This course concentrates on mathematics that includes advanced algebra techniques, coordinate geometry extended to three dimensions, advanced trigonometry including identities, probability and statistics, applications of exponents and logarithms, matrices and transformations, and also an introduction to calculus. Included is a multitude of topics that integrate previous topics allowing students to have a deeper understanding and appreciation for the math they have learned up to this point.

Graphics calculators are used as tools to aid in problem solving. They are also used to aid in graphical approaches to functions and operations. Necessary non-calculator skills are also reinforced throughout the course.

IB Mathematical Studies SL

Two Years

Grades 11/12

The Mathematics Studies SL course is designed for students with varied backgrounds and abilities. More specifically, it is designed to build confidence and encourage an appreciation of mathematics and the use of math in the real world. Students taking this course need to be already equipped with fundamental skills and a rudimentary knowledge of basic processes.

This course concentrates on mathematics that can be applied to contexts related as far as possible to other subjects being studied, to common real-world occurrences and to topics that relate to home, work and leisure situations. In this course, students must produce a project, a piece of written work based on personal research, guided and supervised by the teacher. This process allows students to ask their own questions about mathematics and to take responsibility for a part of their own course of studies in mathematics.

The students most likely to select this course are those whose main interests lie outside the field of mathematics, and for many students this course will be their final experience of being taught formal mathematics. All parts of the syllabus have therefore been carefully selected to ensure that an approach starting with first principles can be used. As a consequence, students can use their own inherent, logical thinking skills and do not need to rely on standard algorithms and remembered formulae.

Lausanne Collegiate School

IB Mathematics SL

Two Years

Grades 11/12

Prerequisite: Math Team approval.

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

This course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on mathematical rigour. Students should wherever possible apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context.

In this course, students must produce a project, a piece of written work based on personal research, guided and supervised by the teacher. The project provides an opportunity for students to carry out a mathematical investigation in the context of another course being studied, a hobby or interest of their choice using skills learned before and during the course. This process allows students to ask their own questions about mathematics and to take responsibility for a part of their own course of studies in mathematics.

IB Mathematics HL

Two Years

Grades 11/12

Prerequisite: Math Team approval.

The Mathematics HL course is designed for students with an excellent background in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a major component of their university studies, either as a subject in its own right or within courses such as physics, engineering and technology.

The nature of the subject is such that it focuses on developing important mathematical concepts in a comprehensible, coherent and rigorous way. Students embarking on this course should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas. They should also be encouraged to develop the skills needed to continue their mathematical growth in other learning environments.

In this course, students must produce a project, a piece of written work based on personal research, guided and supervised by the teacher. This process allows students to ask their own

Lausanne Collegiate School

questions about mathematics and to take responsibility for a part of their own course of studies in mathematics.

This course is a demanding one, requiring students to study a broad range of mathematical topics through a number of different approaches and to varying degrees of depth. Students wishing to study mathematics in a less rigorous environment should therefore opt for one of the standard level courses, mathematics SL or mathematical studies SL.

Science Department

Biology SL

One Year

Grade 9

The Biology SL curriculum is designed as an entry level course that gives students an opportunity to develop a working knowledge of biological concepts. It is designed to prepare them for college-level courses in biological sciences. Topics include cell structure and function, the chemistry of life, cellular division, and genetics. Students will be challenged to use critical thinking skills to solve problems presented in a laboratory setting. The course emphasizes uniformity as well as diversity among organisms. It also provides exposure to the history and philosophy of biological sciences and ethical questions.

Biology HL

One Year

Grade 9

Prerequisite: Department approval

While covering essentially the same core materials taught in Biology SL, the Biology HL goes into greater depth. Cellular processes are examined in detail, with additional time spent on chemical pathways of key processes, applied genetic studies and immunology. As in Biology SL, students will be challenged to use critical thinking skills to solve problems presented in a laboratory setting. The course emphasizes uniformity as well as diversity among organisms. It also provides exposure to the history and philosophy of biological sciences and ethical questions.

Biotechnology SL

One Year

Grades 11/12

Prerequisites: Biology, Chemistry, and departmental approval

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

The Biotechnology course is designed to build upon concepts learned in the biology course and study the issues and technical aspects of biotechnology in greater detail. We will be discussing important laboratory techniques including bacterial transformation, genetic engineering of plants and animals, immunoassaying and protein purification. In addition, we will discuss the ethical dilemmas encountered in the commercial and medical applications of transgenics, bioremediation and government regulation of biotechnology. To further enhance our understanding of these complex topics, speakers will be invited to expand upon topics in their fields and show how the techniques we are learning in class are applied in the laboratories around the world. The laboratory component of the course consists of instruction in sterile technique, media preparation, bacterial culture, genetic engineering of plants and bacteria, immunoassaying and polymerase chain reaction. This is a hands-on lab-based class in which we apply our knowledge to real-world problems.

IB Biology SL

Two Years

Grades 11/12

Prerequisites: Biology, Chemistry, and departmental approval

The purpose of this course is to instill in each student an appreciation for and understanding of the global interdependence of all living things; and the exquisite and intricate ecological balance of life on this planet in all its biodiversity. To this end, students will be engaged in laboratory activities covering cellular components and the varied processes which maintain life. Students will also study anatomy and physiology, learning how we function and maintain physical health. In addition, we will explore (among other topics) advanced genetics, biotechnology, embryology and virology. Since one arena of study will be the laboratory, it is also a goal of this course to develop and fine-tune the students' procedural skills as they investigate the varied topics through experimentation and observation both individually and as a team. Students will further enhance their knowledge of these areas of study by researching related topics and concepts utilizing both community and international resources; and then demonstrating their command of the material by writing papers, creating PowerPoint's and videos, and developing presentations. Forty hours of documented labs along with the group IV project in the 2nd year will be an integral part of the course.

IB Biology HL

Two Years

Grades 11/12

Prerequisites: Biology, Chemistry, and departmental approval

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

The purpose of this course is to instill in each student an appreciation for and understanding of the global interdependence of all living things; and the exquisite and intricate ecological balance of life on this planet in all its biodiversity. To this end, students will be engaged in laboratory activities covering cellular components and the varied processes which maintain life. Students will also study anatomy and physiology, learning how we function and maintain physical health. In addition, we will explore (among other topics) advanced genetics, biotechnology, and virology. Since one arena of study will be the laboratory, it is also a goal of this course to develop and fine-tune the students' procedural skills as they investigate the varied topics through experimentation and observation both individually and as a team. Students will further enhance their knowledge of these areas of study by researching related topics and concepts utilizing both community and international resources; and then demonstrating their command of the material by writing papers, creating PowerPoint's and videos, and developing presentations. This course covers the same topics as IB Biology SL but at a deeper level with more class time for discussion and more complex test questions. In addition, additional HL-only topics will be covered to allow further depth in biology. Sixty hours of documented labs along with the group IV project in the 2nd year will be an integral part of the course.

Chemistry Studies

One Year

Grades 10

Prerequisites: Biology

This course is designed to prepare the student for college chemistry by providing the student with a fundamental understanding of the composition and structure of matter and the changes it undergoes. Content from this survey course includes atomic structure, reactions, stoichiometry, gas laws, solutions, thermodynamics, organic chemistry and acid-base. Analytical thought is developed through the application of problem-solving skills to chemical computation and the use of the scientific method in laboratory investigations. Chemistry SL will be paced faster than Chemistry Studies and at time will go into more depth.

Chemistry SL

One Year

Grades 10-12

Prerequisites: Biology and departmental approval

This course is designed to prepare the student for college chemistry by providing the student with a fundamental understanding of the composition and structure of matter and the changes it undergoes. Content from this survey course includes atomic structure, reactions, stoichiometry, gas laws, solutions, thermodynamics, organic chemistry and acid-base. Analytical thought is developed through the application of problem-solving skills to chemical computation and the use

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

of the scientific method in laboratory investigations. Chemistry HL will be paced faster than Chemistry SL and at time will go into more depth.

Chemistry HL

One Year

Grades 10-12

Prerequisites: Biology and departmental approval

This course is designed for the student who might be interested in pursuing a science major in college and/or a career in the sciences. The course content is similar to Pre-Diploma Chemistry SL except that this course is designed to provide an in-depth understanding of fundamentals and the course content is covered at an accelerated pace. Computer technology is integrated into some of the units of the curriculum. Analytical thought is developed through the application of problem-solving skills to chemical computations and the use of the scientific method in laboratory investigations.

IB Chemistry SL

One Year

Grades 11/12

Prerequisites: Biology, Chemistry and departmental approval

Recommendation: 90 average or better in Chemistry SL or a high “B” average in Chemistry HL.

Chemistry Standard Level (SL) is a one year course of study that will mirror a first year principle of chemistry course at the college level. This is the last year we offer IB Chemistry SL as a one year courser. Topics that will be covered include basic scientific reasoning and experimental procedures, atomic structure and chemical bonding, reactions, stoichiometry, gas laws, kinetics, thermodynamics, equilibrium, acid/base reactions, electrochemistry, organic chemistry, and nuclear chemistry. SL and HL cover a common core syllabus, a common internal assessment (IA) scheme, and some overlapping elements in the options section. SL students will not be required to go into as much depth of the material as the HL students. In addition, fewer topics will be given and the extension material is less demanding in the common options. The goals of this course will be to master the information from the IB syllabus designated for SL and to increase problem solving and laboratory skills that would normally be asked of to complete a first year college chemistry course. For the IA, students will be required to design and set up labs, perform them, collect data, calculate results, and evaluate post-lab data in terms of error and logical assessments of those errors. Thirty hours of documented labs along with the group IV project will be an integral part of the course.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

IB Chemistry HL

Two Years

Grades 11/12

Prerequisites: Biology, Chemistry, and departmental approval

Recommendation: 90 average or better in both Biology HL and Chemistry HL or a very high “A” average if moving from Chemistry SL.

Chemistry Higher Level (HL) is a two-year course of study that will mirror a first year principle of chemistry course at the college level. Topics that will be covered include basic scientific reasoning and experimental procedures, atomic structure and chemical bonding, reactions, stoichiometry, gas laws, kinetics, thermodynamics, equilibrium, acid/base reactions, electrochemistry, organic chemistry, and nuclear chemistry. SL and HL cover a common core syllabus, a common internal assessment (IA) scheme, and some overlapping elements in the options section. HL students will be required to go into greater depth of the material, to study additional topics, and to study extension material in a more demanding nature in the common options. The goals of this course will be to master the information from the IB syllabus designated for HL and to increase problem solving and laboratory skills that would normally be asked of to complete a first year college chemistry course. For the IA, fifty hours of documented labs along with the group IV project in the 2nd year will be an integral part of the course.

Health Sciences

One Year

Grades 11/12

Using the National Health Education Standards, the Upper School Health Sciences classes will provide a foundation for health skill development. Emphasis on individual responsibility for achieving optimal well-being and preventive health practices that promote healthy lifestyles and reduce unhealthy risk factors. Taking advantage of the “engaged” learning process, the strategies provided with our e-book and its resources will enable us to strengthen the skills and concepts introduced throughout the course.

Student Lab Technician

One Term

Grades 11/12

Prerequisites: Biology, Chemistry, and recommendation by soon to be assigned teacher

The student tech would be assigned to one teacher (chemistry tech, biology tech, physics/environmental science tech). The work would vary but would most likely include washing glassware, prepping labs, tearing down labs, organizing and labeling equipment and chemicals, and prepping solutions, cultures, etc. The student tech may also perform labs in advance and make comments on clarity and validity of results. That student could help oversee a lab during a class period and help mentor students who need to make up labs. Lab techs gain lab knowledge throughout the year and their ability to help will grow as the year progresses.

Lausanne Collegiate School

Students would be required to keep a work journal verifying the time worked and the type of work done.

Physics SL

One Year

Grades 11/12

Prerequisites: Biology and Chemistry (Chemistry may be concurrent) and departmental approval

Physics SL provides a broad overview of introductory level physics topics that include: one-dimensional and two-dimensional motion (or projectile motion) with motion graphs, classical mechanics and analysis using Newton's laws, conservation of momentum, conservation of energy, work and power, simple harmonic motion, electricity, simple circuits, magnetism, optics, special relativity and basic engineering principles.

Students will focus on concepts rather using basic problem solving skills, involving introductory level algebra and trigonometry. Excel spreadsheet programming is introduced and used as a data analysis and graphing tool. Laboratory exercises and projects (such as the egg drop project and the mouse-trap car project) are an integral part of the course and provide a basis for student-centered interaction and application of physics principles introduced in lecture.

Physics HL

One Year

Grades 11/12

Prerequisites: Biology and Chemistry (Chemistry may be concurrent) and departmental approval

Recommendation: earned 90 average in Math SL or IB Math SL for the year is strongly recommended

Physics HL provides an in-depth overview of introductory level physics topics that include: one-dimensional and two-dimensional motion (or projectile motion) with motion graphs, classical mechanics and analysis using Newton's laws, conservation of momentum, conservation of energy, work and power, simple harmonic motion, electricity, simple circuits, magnetism, optics, engineering principles and modern physics topics including both special and general relativity and engineering principles.

Students will focus on concepts and rigorous, multi-step problem solving involving fundamental algebra and trigonometry. Excel spreadsheet programming is introduced and used as a data analysis and graphing tool. Laboratory exercises and projects (such as the egg drop project and the mouse-trap car project) are an integral part of the course and provide a basis for student-centered interaction and application of physics principles introduced in lecture.

Lausanne Collegiate School

IB Physics SL

Two Years

Grades 11/12

Prerequisites: Biology, Chemistry, and departmental approval

IB Standard Level (SL) Physics is a two-year sequence developed by IBO. IB Physics SL includes Newtonian Mechanics, Thermal Physics, Waves, Electricity and Magnetism, Energy and the environment, and Atomic and Nuclear Physics. Students in this course will be expected to be self-starters and good time-managers. 40 hours of lab time will be required over the course of the two years. A group project in the 2nd year will also be an integral part of the course. The main goal of this class is to make a student very familiar with a variety of important topics from physics that any educated person living in 21st century should know.

IB Physics HL

Two Years

Grades 11/12

Prerequisites: Biology, Chemistry, Physics SL and departmental approval

Recommended: Physics HL

IB Higher Level (HL) Physics is a two-year sequence developed by IBO. IB Physics HL covers all the topics listed in IB SL Physics but to a deeper level. Topics include Newtonian Mechanics, Thermal Physics, Waves, Electricity and Magnetism, Energy, and Atomic and Nuclear Physics. IB Physics HL also covers Astronomy and Electromagnetic Waves. This course has a strong lab component and a minimum of 60 hours of lab time will be required over the course of the two years. A group project in the 2nd year will also be an integral part of the course. The strength of IB Physics HL program is in its close connection to today's most important topics in physics and technology. Since this course is a college level course, Students in this course will be expected to be self-starters and good time-managers.

IB Sports, Exercise and Health Science SL Two Years

Grades 11/12

Prerequisites: Biology and Chemistry or Environmental Science (SEHS)

This elective course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition and looks at them in the context of sports, exercise and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyse human performance. Where relevant, the course will address issues of internationalism and ethics by considering sport, exercise and health relative to the individual and in a global context. Forty hours of documented labs along with the group IV project in the 2nd year will be an integral part of the course.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

IB Computer Science HL

Two Years

Grades 11/12

IB Computer Science HL will give students an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. Students will need to think procedurally, logically, concurrently, abstractly, recursively and think ahead. They will utilize an experimental and inquiry-based approach to problem-solving, developing algorithms and expressing them clearly. They will also appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally. There are no prerequisites for this course, however, some previous exposure to programming is desirable.

IB Design Technology SL

Two Years

Grades 11/12

IB Design Technology is a multi-disciplinary course that draws on science, business, and art. Students will learn and delve into a complete design research and strategy, culminating in the creation of a design project, which requires students to identify a problem and develop a solution. All students will complete the design project as an internal assessment task. This internal assessment accounts for 40% of the final assessment and allows students to demonstrate their investigative, analytical, design thinking, design development, prototyping, testing and evaluation skills. While in the art module, they will learn conceptual design and development of design using idea development and concept modeling. Lastly, science would complete the intersection by incorporating new technology and manufacturing processes into the production process. This course is a unique combination of design discipline brought together by a common thread of craft, materials, marketing, problem solving, informed creativity and innovative thinking. Students would be working on analysis of data, observation, and research to inform their creative process.

SOCIAL STUDIES DEPARTMENT

American History

One Year

Grade 9

This a required course for all incoming freshmen. Seniors will take U.S. History.

This year long course is a survey of American History from the Pre-Columbian Era to the Present. Units will cover the major political, social, economic, and cultural developments that

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

have shaped the United States. Particular emphasis will be put on improving students' persuasive writing, their critical reading skills, and their analysis of primary sources. Students will also participate in the Chapman-Woodbury Oral History program as a part of the class.

World History (Modern)

One Year

Grade 10

This course surveys the themes, people, and events that define the modern world. During the first term, students start with a survey of current events and development of modern themes like trade, religion, politics, and global connectedness. Students will study the empires, explorations, and reforms of the 1500s including the Ottoman, Mughal, and Safavid empires, the age of Renaissance, Reformation and exploration in Europe, Tokugawa Japan, and the Ming and Qing Dynasties. In the second term, students evaluate the scientific, industrial, cultural, and political revolutions that swept through the West between the 17th and 19th centuries. Students study rise of nationalism through imperialism and world war, the Cold War and collapse of the Soviet Union, to the present. Students learn to think historically, to read for historical understanding by analyzing primary and secondary documents, and to recognize global connections and patterns.

IB 20th Century World History SL

Two Years

Grades 11/12

This two-year course is a series of in-depth case studies in 20th century World History to prepare students for Papers 1 and 2 of the IB examination in History. This course builds on students' prior knowledge of world history to examine, in detail, the causes, practices, and effects of both World Wars and the origins and course of the Cold War. Students will also complete several historical investigations as a part of IB History's requirement for an internal assessment. Students will research topics of their own choosing and produce 3 separate 2200 word explanations of their investigations and their findings.

IB History of the Americas HL

Two Years

Grades 11/12

Prerequisites: Departmental Approval

This two-year long course is a study of topics in 20th century World History and US History after 1945. In addition to studying the causes, practices, and effects of both World Wars and the origins and course of the Cold War, students also study the major political and social developments in the US from 1945 to 1989. Students will also complete several historical investigations as a part of IB History's requirement for an internal assessment. Students will research topics of their own choosing and produce 3 separate 2200 word explanations of their investigations and their findings.

Lausanne Collegiate School

Introduction to Political Science

One Term

Grades 10-12

This one-term course will introduce you to the formal study of politics. Politics is an inescapable part of life. Can you imagine any human organization that does not have conflict over collective decisions? We may live in a time of low trust in government and a distaste for politics, but it is important to approach the questions of who gets what, when, and why in modern societies with an open, yet critical, mind. We will explore political issues at all levels – individual, group, national, and international. You will become familiar with the basic vocabulary of the discipline, learn about the different ways that political issues are studied, and develop critical reading and thinking skills.

Introduction to U.S. Government

One Term

Grades 10-12

This one-term course is designed to provide students with an introduction to the study of American government and politics. Students will learn the strengths and weaknesses of the American political system. We will discuss the institutions that comprise the U.S. system, the nature of individual participation in the political process, and the interactions between individuals, institutions, and other actors and organizations (e.g., the media, political parties, and interest groups). By the end of the course, students should have a solid understanding of the workings of the U.S. government, an increased capacity to critically analyze politics, and an appreciation for the social scientific approach to the study of politics.

Introduction to Business

One Term

Grades 10-12

Introduction to Business is a one-term survey course that provides students with an opportunity to learn about four of the key functional areas in business – organization/management, marketing, operations, and human resources. The classwork is project-based to give students hands-on experience in skills such as market research, advertising and promotions, new product development and other strategic business tools, concepts and analyses. Students select an existing company in an industry of their personal interest to which they apply new concepts in a practical way throughout the term. This course is appropriate for sophomores who are considering the IB Business course for their junior/senior years, or for upperclassman who did not enroll in the IB class, but are still interested in exploring business concepts as a business career or as a consumer.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

IB Business and Management SL Two Years Grades 11/12

The IB Business and Management course is designed to develop an understanding and application of business theory, principles, and practices through an integrated study of key business functions – organization/management, marketing, human resources, operations and finance. This Standard Level (SL) course provides an examination of how individuals and groups interact in a dynamic and increasingly competitive business and organizational environment with limited resources. It encourages a holistic view of the business world through an exploration of six overarching concepts: globalization, ethics, culture, innovation, change and strategy. The two-year course culminates with two externally graded, essay-style exams based on business case studies, and a written commentary on a challenge facing a real-world company (students select the company and issue they wish to research).

IB Business and Management HL Two Years Grades 11/12

Prerequisites: Departmental Approval

The Higher Level (HL) study of Business and Management course is a more in-depth study of the concepts and techniques covered in the SL level, with emphasis on strategic analysis and mastery of more complex business quantitative tools and skills. The course culminates with two essay exams based on business case studies. Students will also design a project and formal research paper in which they use primary and secondary research to investigate a real-world challenge facing an existing company, apply business tools, analyze possible solutions, draw conclusions and make recommendations. The successful completion of the HL course may result in college credits granted by a university, depending on individual university policy. This course will prepare the student for college-level study of business and management, and to be a savvy consumer.

IB Social and Cultural Anthropology SL Two Years Grades 11/12

The social and cultural anthropology course offers an opportunity for students to explore and understand humankind in all its diversity through the comparative study of culture and human societies. In studying this course students will come to appreciate how anthropology as a discipline contributes to an understanding of contemporary issues, such as war and conflict, the environment, poverty, injustice, inequality and human and cultural rights. This course offers critical insight into the continuities as well as dynamics of social change and the development of societies, and challenges cultural assumptions. The first six weeks of the course SL students undertake an observation and produce a written report from their field notes. About six months

Lausanne Collegiate School

later they are then required to produce a critique of their written report. External assessments consist of two written papers, one based on an unseen text and the other an essay.

IB Social and Cultural Anthropology HL Two Years

Grades 11/12

The social and cultural anthropology course offers an opportunity for students to explore and understand humankind in all its diversity through the comparative study of culture and society. Anthropology contributes to an understanding of contemporary issues, such as gender, ethnicity, religion, the environment, globalization, human rights, inequality and poverty, technology, and violence. This course offers critical insight into the continuities as well as dynamics of social change and the development of societies, and challenges cultural assumptions. HL students conduct and report a field study to demonstrate understanding of anthropological concepts, apply them to ethnographic data, and produce sound analysis and anthropological insight into cultural behavior. HL external assessment consist of three written papers, incorporating theoretical perspectives on cultural similarities and differences.

Facing History

One Term

Grades 9-12

Facing History and Ourselves is an international curriculum whose mission is to engage students of diverse backgrounds in an examination of racism, prejudice, and antisemitism in order to promote the development of a more humane and informed citizenry. By studying the historical development of the Holocaust and other examples of genocide, Civil Rights and social injustice around the globe. Students make the essential connection between history and the moral choices they confront in their own lives.

Introduction to Economics

One Term

Grades 10-12

This term-long course is designed to introduce students to the basics of macro and microeconomics. We begin with understanding various types of economic systems, including market, command and mixed economies and how individuals respond to incentives, seek out exchange in markets and participate in various economic institutions. Students will investigate how economists describe and measure the economy as well as specific markets such as the labor market, banking, financial markets, and international trade. Students will also learn about the role of governments and public tools including government spending and revenue, regulation, taxation, and government-provided goods and services. With an emphasis on the ever-growing global marketplace, students will complete a project based on

Lausanne Collegiate School

a country of their choice. Curriculum includes an online text as well as supplementary materials such as current events.

IB Economics HL

Two Years

Grades 11/12

Prerequisites: Departmental Approval

The overall purpose of the IB Economics HL course is to encourage students to analyze how individuals, institutions, and societies deal with the central problem of scarcity. In the first year of the course, students will examine this issue from a microeconomic level (decisions made by individuals and specific institutions and firms), as well as macroeconomic (decisions made by entire nations/economies). In the second year of the course, students will explore issues in international economics (free trade, trade protectionism, exchange rates, balance of payments, etc.) and investigate global challenges in achieving economic development. Unique to HL, students will cover extension topics which are extra depth and breadth studies of Theory of the Firm, comparative advantage, and various calculations to name a few. The two-year program concludes with an external examination worth 80%, and with an internal assessment (Economics Portfolio) worth 20% that is constructed throughout the course.

IB Economics SL

Two Years

Grades 11/12

The overall purpose of the IB Economics SL course is to encourage students to analyze how individuals, institutions, and societies deal with the central problem of scarcity. In the first year of the course, students will examine this issue from a microeconomic level (decisions made by individuals and specific institutions and firms), as well as macroeconomic (decisions made by entire nations/economies). In the second year of the course, students will explore issues in international economics (free trade, trade protectionism, exchange rates, balance of payments, etc.) and investigate global challenges in achieving economic development. SL students learn much of the same material as the HL students, they simply are not required to do many calculations and they cover some topics in less detail than the HL students. The two-year program concludes with an external examination worth 80%, and with an internal assessment (Economics Portfolio) worth 20% that is constructed throughout the course.

IB Theory of Knowledge

Five Terms

Grades 11/12

An integral part of the IB Diploma Program and a required course for all diploma students, this course is taught over five terms, starting in the Fall of the junior year and the ending in the winter of the senior year. While not a philosophy class per se, the class allows students to explore

Lausanne Collegiate School

questions concerning the nature of knowledge, in particular specific ways of knowing and specific areas of knowledge. Theory of Knowledge is opportunity for students to practice the traits outlined in the IB Learner profile. More specifically, the class prepares students to excel on a Prescribed Title Essay that is submitted to and externally graded by the IBO and a presentation on the knowledge issues relating to a real-world situation that serves as the Internal Assessment.

Introduction to Psychology

One Term

Grades 10-12

This term long course is designed to provide students with an understanding of general principles and theories underlying modern psychology. We will focus on three areas: The Science of psychology, Biological Foundations of Behavior and Psychological Disorders. We will explore the field of psychology in general, describe the historical and current perspectives of psychology, identify research associated ethical concerns. We will be able to identify the role that neurons play in human psychology and explain the components and organization of the nervous system, endocrine system, and the parts of the brain. We will discuss personality, psychological disorders, treatment models and explain the concepts of normal and abnormal behavior. Psychologically related movies are also shown to appropriately demonstrate certain aspects of the course. There are quizzes, tests and movie review papers associated with this course.

Abnormal Psychology

One Term

Grades 10-12

Prerequisites: Introduction to Psychology

This one-term course is for any student who has already taken the Introduction to Psychology term course. It will examine in general: abnormal behavior in historical context, anxiety disorders, somatoform and dissociative disorders, mood disorders and suicide, eating and sleep disorders, sexual and gender identity disorders, personality disorders, schizophrenia and other psychotic disorders. It will examine in detail: various disorders (such as affective disorders, eating disorders & anxiety disorders), therapeutic techniques and the strengths & limitations of the techniques, cultural differences in the prevalence, examination, and treatment of disorders. Students will develop critical thinking skills and strategic reading skills while analyzing case studies and primary sources. At the end of this course student should be able to explain studies that enhance the understanding of Abnormal psychology, examine the concepts of normality and abnormality, Discuss validity and reliability of diagnosis and discuss cultural and ethical considerations in diagnosis.

Introduction to Sociology

One Term

Grades 10-12

Lausanne Collegiate School

This one-term course is for any student interested in the study of human relationships. It will examine in general: culture, social responsibility and social structure, the individual in society, interpersonal relationships, violence, social inequality, social institutions and the changing social world. It will examine in detail: altruism and prosocial behavior, factors influencing bystanderism and social origins of attraction, the role of communication in maintaining relationships, the role that culture plays in the formation and maintenance of relationships and why relationships may change or end. Students will develop critical thinking skills and strategic reading skills while analyzing case studies and primary sources. At the end of this course students should be able to discuss the extent to which sociocultural factors influence human relationships and be able to evaluate research relevant to the study of human relationships.

IB Psychology HL

Two Years

Grades 11/12

Prerequisites: Departmental Approval

This 2 year IB psychology course is designed to provide students with an understanding of the interaction of biological, cognitive and sociocultural influences on human behavior. Students are encouraged to adopt an integrative approach based on scientific and investigative methods. The areas of psychology that will be addressed during the first year include the physiological origins of human behavior, language and thinking, memory, emotion, and sociocultural interaction. During the second year, students will learn more about abnormal psychology through the psychodynamic level of analysis as well as the psychology of human relationships which focuses on the complexity of interpersonal relationships.

The internal assessment is conducted in the fall of the second year and requires the student to replicate a simple experiment they design, conduct and analyze. The external assessment consists of three parts for HL which requires the student to write essays on core material, optional material, and qualitative research.

IB Psychology SL

Two Years

Grades 11/12

While the majority of the course at the SL is similar to the HL, there are some differences in terms of assessment. In the SL there is only a requirement for Paper 1 and Paper 2. Within Paper 2, at the SL option there is only one essay requirement from the options as opposed to two at the HL. There is also a difference in the requirement for the Internal Assessment in that the SL content does not use inferential statistics. This 2 year IB psychology course is designed to provide students with an understanding of the interaction of biological, cognitive and sociocultural influences on human behavior. Students are encouraged to adopt an integrative

Lausanne Collegiate School

approach based on scientific and investigative methods. The areas of psychology that will be addressed during the first year include the physiological origins of human behavior, language and thinking, memory, emotion, and sociocultural interaction. During the second year, students will learn more about abnormal psychology through the psychodynamic level of analysis as well as the psychology of human relationships which focuses on the complexity of interpersonal relationships.

The internal assessment is conducted in the fall of the second year and requires the student to replicate a simple experiment they design, conduct and analyze. The external assessment consists of two parts for SL which requires the student to write essays on core material, optional material, and qualitative research.

World Languages Department

Three years of the same Foreign Language are required for Graduation. IB students need to complete the two-year IB language sequence to graduate.

French I

One Year

Grades 8-12

This course introduces students to the contextual and functional structures that allow students to communicate effectively in French. The course seeks to develop basic speaking, listening, reading and writing skills as well as cultural competence. French I will introduce students to a variety of topics and vocabulary (greetings, classroom, school life, calendar, family, physical description, personality, locations, food, professions, leisure and sports).

By the end of the course, students should be able to accurately talk about the present using regular, spelling-changing and irregular verbs; describe with accuracy people and their surroundings; tell time; express possession; formulate questions and negative statements; and count.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in French and students are expected to speak in the target language.

French II SL

One Year

Grades 9-12

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Prerequisites: French I

This course builds on the skills acquired in French I by giving students more advanced contextual and functional structures to communicate effectively in French. The course seeks to develop basic-high to intermediate-low speaking, listening, reading and writing skills as well as cultural competence. French II will introduce students to a variety of topics and vocabulary (holiday, travel, household, meals, daily routine and health).

By the end of the course, students should be able to accurately narrate and describe in the present and the past; show reference; avoid repetition, make comparisons; and talk about themselves.

This course is taught at a slower pace than French II SL.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in French and students are expected to speak in the target language.

French II HL

One Year

Grades 9-12

Prerequisites: French I; Departmental approval; 90% recommended minimum average

This course builds on the skills acquired in French I by giving students more advanced contextual and functional structures to communicate effectively in French. The course seeks to develop intermediate-low speaking, listening, reading and writing skills as well as cultural competence. French II will introduce students to a variety of topics and expanded vocabulary (holiday, travel, household, meals, daily routine, health, technology, transportation, and city life). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

By the end of the course, students will be able to accurately narrate and describe in the present, the past and the future; show reference; avoid repetition, make comparisons; and talk about themselves in affirmative and negative contexts. This course is taught at a faster pace than French II SL.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in French and students are expected to speak in the target language.

Lausanne Collegiate School

French III SL

One Year

Grades 10-12

Prerequisites: French II SL

This course builds on the skills acquired in French II SL by giving students more advanced contextual and functional structures to communicate effectively in French. The course seeks to develop intermediate-low to intermediate-mid speaking, listening, reading and writing skills as well as cultural competence. French III SL will introduce students to a variety of topics and vocabulary (directions, work, professions, environment, arts, media, society, and contemporary life).

By the end of the course, students should be able to narrate and describe concretely and abstractly the present, past and use the near future; express reciprocal actions; express conditional actions; use idioms and expressions; produce complex sentences and paragraphs; and express opinions, will, emotions, doubt, disbelief, and uncertainty. This course is taught at a slower pace than French III HL and is intended as preparation for IB French *ab initio* course.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in French and students are expected to speak in the target language.

French III HL

One Year

Grades 10-12

Prerequisites: French II HL; Departmental approval; 90% recommended minimum average

This course builds on the skills acquired in French II HL by giving students more advanced contextual and functional structures to communicate effectively in French. The course seeks to develop intermediate-high to advanced-low speaking, listening, reading and writing skills as well as cultural competence. French III HL will introduce students to a variety of topics and expanded vocabulary (directions, work, professions, environment, outdoors, performing arts, visual arts, city life, media, society, generations, science, technology, and leisure). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

By the end of the course, students should be able to narrate and describe concretely and abstractly in the present, past and future with a wide range of structures; express reciprocal

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

actions; express conditional actions; use idioms and expressions; produce complex sentences and paragraphs; and express opinions, will, emotions, doubt, disbelief, and uncertainty. This course is taught at a faster pace than French III SL and is intended as preparation for either IB French B course.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Spanish and students are expected to speak in the target language.

IB French B ab initio SL

Two Years

Grades 10-12

Prerequisites: Departmental approval

This two-year sequence course seeks to help students develop basic-high to intermediate-low linguistic skills while developing an intercultural understanding of their culture and those of French-speaking countries. It focuses on three core topics that allow for the development of cultural understanding and vocabulary: Individual and Society, Leisure and Work and Urban and Rural Environment. The themes cover a series of topics that allow the students to learn, practice and develop their language skills and enhance intercultural understanding.

Concurrently, students develop receptive skills through aural and reading authentic materials, productive skills through oral and written activities and interactive skills through oral interactions that are appropriate both in context and register and that seek to reproduce the contexts in which these would occur in the societies studied.

SL students are required to invest 150 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB Spanish *ab initio* examination at the end of the second year.

IB French B SL

Two Years

Grades 10-12

Prerequisites: French II HL; Departmental approval

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

This two-year sequence course seeks to guide the student in the acquisition of the French language; the development of language skills; as well as the increased intercultural understanding of Francophone cultures in light of their own culture.

Through the use of a wide variety of authentic written and spoken materials as well as a comprehensive range of activities, students will develop intermediate to advanced linguistic skills in the four areas of language acquisition: listening, speaking, writing, and reading. These will enable students to use the language in a variety of contexts and for a multiplicity of purposes that will both promote in students the ability to spontaneously and accurately use the language, as well as to reflectively explore, become aware and appreciate the various cultures that form the Francophone world.

SL students are required to invest 150 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB French B SL examination at the end of the second year.

IB French B HL

Two Years

Grades 11/12

Prerequisites: French III (HL recommended); Departmental approval; 90% recommended minimum average

This two-year sequence course seeks to guide the student in the acquisition of the French language; the development of language skills; the increased intercultural understanding of Francophone cultures in light of their own culture; and the understanding of literary texts.

Through the use of a wide variety of authentic written and spoken materials as well as a comprehensive range of activities, students will develop intermediate to advanced linguistic skills in the four areas of language acquisition: listening, speaking, writing, and reading. These will enable students to use the language in a variety of contexts and for a multiplicity of purposes that will both promote in students the ability to spontaneously and accurately use the language, as well as to reflectively explore, become aware and appreciate the various cultures that form the Francophone world. Students will also read two full literary works in French from Francophone writers.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

HL students are required to invest 240 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB French B HL examination at the end of the second year.

Mandarin I

One Year

Grades 8-12

This course introduces students to the contextual and functional structures that allow students to communicate effectively in Mandarin. The course seeks to develop intermediate speaking, listening, reading and writing skills as well as cultural competence. Mandarin I will introduce students to a variety of topics and vocabulary (numbers, shopping, health, emotions, phone calls, daily life, directions and transportation).

By the end of the course, students should be able to describe physical appearance; describe and manage situations related to shopping; describe and manage situations related to personal health; express personal moods and interests; make a phone call; describe daily life; ask for and provide directions; and describe and manage situations related to transportation.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Mandarin and students are expected to speak in the target language.

Mandarin II SL

One Year

Grades 9-12

Prerequisites: Mandarin I

This course builds on the skills acquired in Mandarin I by giving students more advanced contextual and functional structures to communicate effectively in Mandarin. The course seeks to develop novice-high to intermediate-low speaking, listening, reading and writing skills as well as cultural competence through natural integration of language, content and culture. The aim is to help students develop skills to communicate in Chinese in authentic contexts and express their view viewpoints appropriately, precisely and coherently. Mandarin II SL will introduce students to a variety of topics and expanded vocabulary (room and furniture, shopping, health, pets, my new friend, phone calls, school and hobbies). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

By the end of the course, students should be able to describe physical appearance; describe and manage situations related to shopping; describe and manage situations related to personal health;

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

express personal moods and interests; make a phone call; describe daily life; ask for and provide directions; and describe and manage situations related to transportation.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Mandarin and students are expected to speak in the target language.

Mandarin II HL

One Year

Grades 9-12

Prerequisites: Mandarin I and departmental approval

This course builds on the skills acquired in Mandarin I by giving students more advanced contextual and functional structures to communicate effectively in Mandarin. The course seeks to develop novice-high to intermediate-low speaking, listening, reading and writing skills as well as cultural competence through natural integration of language, content and culture. The aim is to help students develop skills to communicate in Chinese in authentic contexts and express their view viewpoints appropriately, precisely and coherently. Mandarin II SL will introduce students to a variety of topics and expanded vocabulary (room and furniture, shopping, health, pets, my new friend, phone calls, school and hobbies). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace. The simultaneous development of listening, speaking, reading and writing is especially emphasized.

By the end of the course, students should be able to describe physical appearance; describe and manage situations related to shopping; describe and manage situations related to personal health; express personal moods and interests; make a phone call; describe daily life; ask for and provide directions; and describe and manage situations related to transportation.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Mandarin and students are expected to speak in the target language.

Mandarin III SL

One Year

Grades 9-12

Lausanne Collegiate School

Prerequisites: Mandarin II

This course builds on the skills acquired in Mandarin III by giving students more advanced contextual and functional structures to communicate effectively in Mandarin. The course seeks to develop intermediate-high to advanced-low, speaking, listening, reading and writing skills as well as cultural competence. Students will be able to express themselves and articulate their thoughts in both oral and written form through their combined knowledge of characters, vocabulary, and grammar. Mandarin III will introduce students to a variety of topics and vocabulary (e.g. feelings and emotions, daily life and transportation, tourism, Chinese cuisine, studying Mandarin food and health, technology, leisure).

By the end of the course, students should be able to express personal feelings and emotions; describe daily life; make comments and express opinions; make phone calls; react to daily life situations; describe objects and places plan an event; discuss and make decisions; talk about past experiences and give examples; make comparisons; and interact with others in multiple contexts.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Mandarin and students are expected to speak in the target language.

Mandarin III HL

One Year

Grades 9-12

Prerequisites: Mandarin II and departmental approval

This course builds on the skills acquired in Mandarin III by giving students more advanced contextual and functional structures to communicate effectively in Mandarin. The course seeks to develop intermediate-high to advanced-low, speaking, listening, reading and writing skills as well as cultural competence. Students will be able to express themselves and articulate their thoughts in both oral and written form through their combined knowledge of characters, vocabulary, and grammar. Mandarin III will introduce students to a variety of topics and vocabulary (e.g. feelings and emotions, daily life and transportation, tourism, Chinese cuisine, studying Mandarin food and health, technology, leisure). The simultaneous development of listening, speaking, reading and writing is especially emphasized.

By the end of the course, students should be able to express personal feelings and emotions; describe daily life; make comments and express opinions; make phone calls; react to daily life

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

situations; describe objects and places plan an event; discuss and make decisions; talk about past experiences and give examples; make comparisons; and interact with others in multiple contexts.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Mandarin and students are expected to speak in the target language.

IB Mandarin B SL

Two Years

Grades 11/12

Prerequisites: Mandarin III HL; Departmental approval

This two-year sequence course seeks to guide the student in the acquisition of the Mandarin language; the development of language skills; as well as the increased intercultural understanding of Chinese culture in light of their own culture.

Through the use of a wide variety of authentic written and spoken materials as well as a comprehensive range of activities, students will develop intermediate to advanced linguistic skills in the four areas of language acquisition: listening, speaking, writing, and reading. These will enable students to use the language in a variety of contexts and for a multiplicity of purposes that will both promote in students the ability to spontaneously and accurately use the language, as well as to reflectively explore, become aware and appreciate the Chinese culture.

SL students are required to invest 150 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB Mandarin B SL examination at the end of the second year.

Spanish I

One Year

Grades 8-12

This course introduces students to the contextual and functional structures that allow students to communicate effectively in Spanish. The course seeks to develop basic speaking, listening, reading and writing skills as well as cultural competence. Spanish I will introduce students to a variety of topics and vocabulary (greetings, classroom life, calendar, family, professions, hobbies and sports, locations, travel and tourism, weather, numbers, food and meals).

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

By the end of the course, students should be able to accurately talk about the present using regular, stem-changing and irregular verbs; ask for information, express likes and dislikes; and describe with accuracy people and their surroundings.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Spanish and students are expected to speak in the target language.

Spanish II SL

One Year

Grades 9-12

Prerequisites: Spanish I

This course builds on the skills acquired in Spanish I by giving students more advanced contextual and functional structures to communicate effectively in Spanish. The course seeks to develop novice-high to intermediate-low speaking, listening, reading and writing skills as well as cultural competence. Spanish II SL will introduce students to a variety of topics and expanded vocabulary (clothing and shopping, colors, daily routine, time expressions, celebrations, relationships and growth, health and the body). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

By the end of the course, students should be able to accurately narrate and describe in the present and the past in most of their forms; express negative ideas; express likes and dislikes; identify referents; make comparisons; ask for information and make requests; and use impersonal and adverbial expressions. This course is taught at a slower pace than Spanish II HL.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Spanish and students are expected to speak in the target language.

Spanish II HL

One Year

Grades 9-12

Lausanne Collegiate School

Prerequisites: Spanish I; Departmental approval; 90% recommended minimum average

This course builds on the skills acquired in Spanish I by giving students more advanced contextual and functional structures to communicate effectively in Spanish. The course seeks to develop intermediate-low speaking, listening, reading and writing skills as well as cultural competence. Spanish II HL will introduce students to a variety of topics and expanded vocabulary (clothing and shopping, colors, daily routine, time expressions, celebrations, relationships and growth, health and the body, technology and transportation). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

By the end of the course, students should be able to accurately narrate and describe in the present and the past in all their forms while establishing chronology; express negative ideas; express likes and dislikes; identify referents; make comparisons; ask for information and make requests; and use impersonal and adverbial expressions; give commands; communicate reciprocal actions; and express possession). This course is taught at a faster pace than Spanish II SL and is intended as preparation for either IB Spanish B course.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Spanish and students are expected to speak in the target language.

Spanish III SL

One Year

Grades 10-12

Prerequisites: Spanish II SL

This course focuses on the contextual and functional structures that allow students to communicate effectively in Spanish. The course seeks to develop intermediate-low to intermediate-mid speaking, listening, reading and writing skills as well as cultural competence. Spanish III SL will introduce students to a variety of topics and expanded vocabulary (technology, transportation, city life, life around the house, money and banking, health and well-being, exercise and physical activity, nutrition, and the workplace). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

Lausanne Collegiate School

By the end of the course, students should be able to narrate and describe concretely and abstractly in the present, past and future using a wide range of complex structures; to express abstract ideas in the present and future such as emotion, doubt, disbelief and denial; to express will and influence; to distinguish between asking questions and requesting information; to give indirect commands, avoid repetition and express possession; to express pending actions and chronological actions; to produce complex sentences; and to express probability, restriction, possibility, purpose and time. This course is taught at a slower pace than Spanish III HL and is intended as preparation for IB Spanish *ab initio* course.

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Spanish and students are expected to speak in the target language.

Spanish III HL

One Year

Grades 10-12

Prerequisites: Spanish II HL; Departmental approval; 90% recommended minimum average

This course focuses on the contextual and functional structures that allow students to communicate effectively in Spanish. The course seeks to develop intermediate-mid to intermediate-high speaking, listening, reading and writing skills as well as cultural competence. Spanish III HL will introduce students to a variety of topics and expanded vocabulary (transportation, city life, home life, money and banking, health and well-being, exercise and physical activity, nutrition, the workplace, visual arts, performing arts, media, politics, current events and natural disasters). Students will also have an increased exposure to reading and listening materials, and will write at an increased pace.

By the end of the course, students should be able to narrate and describe concretely and abstractly in the present, past and future using a wide range of complex structures; to express abstract ideas in the present and future such as emotion, doubt, disbelief and denial; to express will and influence; to distinguish between asking questions and requesting information; to give indirect commands, avoid repetition and express possession; to express pending actions and chronological actions; to produce complex sentences; and to express probability, restriction, possibility, purpose and time; and to express hypothetical and conditional situations about the present and the past. This course is taught at a faster pace than Spanish III SL and is intended as preparation for either IB Spanish B course.

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

Although the textbook and its ancillaries will serve as the foundation of the course, various additional authentic materials will be used. The class is taught in Spanish and students are expected to speak in the target language.

IB Spanish B ab initio SL

Two Years

Grades 10-12

Prerequisites: Departmental approval

This two-year sequence course seeks to help students develop basic-high to intermediate-low linguistic skills while developing an intercultural understanding of their culture and those of Spanish-speaking countries. It focuses on three core topics that allow for the development of cultural understanding and vocabulary: Individual and Society (daily routines, education, food and drinks, personal details, appearance and character, physical health, relationships and shopping), Leisure and Work (employment, entertainment, holidays, media, sport, technology and transport) and Urban and Rural Environment (environmental concerns, global issues, neighborhood, physical geography, town and services and weather). Concurrently, students develop receptive skills through aural and reading authentic materials, productive skills through oral and written activities and interactive skills through oral interactions that are appropriate both in context and register and that seek to reproduce the contexts in which these would occur in the societies studied.

SL students are required to invest 150 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB Spanish *ab initio* examination at the end of the second year.

IB Spanish B SL

Two Years

Grades 10-12

Prerequisites: Spanish II HL; Departmental approval

This two-year sequence course seeks to guide the student in the acquisition of the Spanish language; the development of language skills; as well as the increased intercultural understanding of Hispanic cultures in light of their own culture.

Through the use of a wide variety of authentic written and spoken materials as well as a comprehensive range of activities, students will develop intermediate to advanced linguistic skills in the four areas of language acquisition: listening, speaking, writing, and reading. These

Curriculum Courses 2018-2019 – Upper School

Lausanne Collegiate School

will enable students to use the language in a variety of contexts and for a multiplicity of purposes that will both promote in students the ability to spontaneously and accurately use the language, as well as to reflectively explore, become aware and appreciate the various cultures that form the Hispanic world.

SL students are required to invest 150 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB Spanish B SL examination at the end of the second year.

IB Spanish B HL

Two Years

Grades 11/12

Prerequisites: Spanish III (HL recommended); Departmental approval; 90% recommended minimum average

This two-year sequence course seeks to guide the student in the acquisition of the Spanish language; the development of language skills; the increased intercultural understanding of Hispanic cultures in light of their own culture; and the understanding of literary texts.

Through the use of a wide variety of authentic written and spoken materials as well as a comprehensive range of activities, students will develop intermediate to advanced linguistic skills in the four areas of language acquisition: listening, speaking, writing, and reading. These will enable students to use the language in a variety of contexts and for a multiplicity of purposes that will both promote in students the ability to spontaneously and accurately use the language, as well as to reflectively explore, become aware and appreciate the various cultures that form the Hispanic world. Students will also read two full literary works from Hispanic writers.

HL students are required to invest 240 hours of class time/work by the end of the two-year sequence. Students enrolled in this class *must* take the IB Spanish B HL examination at the end of the second year.