

HARVARD
WESTLAKE
SCHOOL

2026-2027

CURRICULUM GUIDE



**HARVARD-WESTLAKE STRIVES TO BE
A DIVERSE AND INCLUSIVE COMMUNITY UNITED BY
THE JOYFUL PURSUIT OF EDUCATIONAL EXCELLENCE,
LIVING AND LEARNING WITH INTEGRITY,
AND PURPOSE BEYOND OURSELVES.**

INTRODUCTION

INTRODUCTION TO THE HARVARD-WESTLAKE SCHOOL CURRICULUM GUIDE ..	3
CONTENTS.....	3
CURRICULUM GUIDE KEY	4
PLANNING YOUR COURSE OF STUDY	5
REQUIREMENTS	6
CORE REQUIREMENTS	6
ARTS REQUIREMENTS	6
PHYSICAL EDUCATION REQUIREMENTS	6
OTHER ACADEMIC REQUIREMENTS	7
SERVICE REQUIREMENTS.....	7
COLLEGE ADMISSION REQUIREMENTS	7
ADDITIONAL COURSES AND ACTIVITIES	7
SEVENTH GRADE AT A GLANCE	8
REQUIREMENTS	8
ELECTIVES.....	8
EIGHTH GRADE AT A GLANCE.....	9
REQUIREMENTS	9
ELECTIVES.....	9
NINTH GRADE AT A GLANCE	10
REQUIREMENTS	10
ELECTIVES.....	10
TENTH GRADE AT A GLANCE	11
REQUIREMENTS	11
ELECTIVES.....	11
ELEVENTH GRADE AT A GLANCE.....	12
REQUIREMENTS	12
ELECTIVES.....	12
TWELFTH GRADE AT A GLANCE	13
REQUIREMENTS	13
ELECTIVES.....	13

INTRODUCTION TO THE HARVARD-WESTLAKE SCHOOL CURRICULUM GUIDE

Welcome to the Harvard-Westlake School curriculum guide!

The guide is divided into four sections. This introduction provides essential information about the school's programs, outlines the structure of the book, and offers tips for its use. The school's academic courses are listed by department in the Academics section. The Arts section covers the performing and visual arts programs. The Athletics section covers the physical education and interscholastic sports programs.

CONTENTS

Information about each course is provided in the Academics, Arts, or Athletics sections. Each section has its own table of contents.

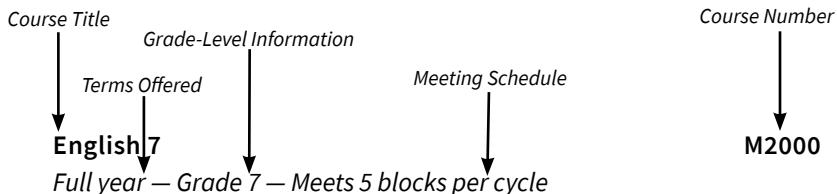
The Academics section is organized by department, and the courses offered by each department are arranged by category. For example, in Science, all of the biological subjects are listed together within the Biology category. Within a category, there may be subcategories. In World Languages, all Chinese courses are listed together under a subcategory within the Modern Languages category. The table of contents includes these categories to help you more quickly locate a particular subject of interest. Courses are arranged within the categories and subcategories in order of grade-level eligibility, with courses open to seventh-grade students listed first. A Directed Studies "department" is also included to make it easy to find all directed study course options in one place.

The Arts section is organized by the departments in which Arts courses are offered: Performing Arts and Visual Arts. The table of contents for that section will help you more quickly locate a particular subject of interest.

The Athletics section begins with an overview of the Physical Education and Interscholastic Sports programs and how the two are interwoven. The options for satisfying the school's Physical Education requirement are covered in detail within the Physical Education subsection. The opportunities for participation on the school's interscholastic sports teams are covered in the Interscholastic Sports subsection.

CURRICULUM GUIDE KEY

Below is an example of the two lines that precede a course description in which the course title, terms offered, grade-level information, meeting schedule, and course number are given. Understanding each component will help you choose the right courses to build your schedule.



A ^{KC} at the end of a course title (for example, Honors Art History^{KC}) is used to denote the dual-designation status of courses sponsored by both the department in which the descriptions appear and the Interdisciplinary Studies and Independent Research department because these courses also fulfill Kutler Center curricular and pedagogical ideals.

Grade-Level Information

Only students in the grades stated in the “Grade-Level Information” field who have satisfied the prerequisites, if any, are eligible to enroll in that course.

Course Number

The course number is provided to the right of the course title. Most course numbers begin with an “M” or “U.” (The exceptions are course numbers assigned to interscholastic sports teams, which begin with a number.) A course number that begins with the letter “M” is available to students studying on the middle school campus; a course number that begins with the letter “U” is available to students on the upper school campus. Some courses are offered on both campuses. In these cases, the course title is repeated followed by one course number with “M” and one with “U.” Courses must all be on the same campus, so be sure that every course requested begins with either an “M” (grades 7, 8, or 9) or a “U” (grades 10, 11, or 12).

Terms Offered

The “Terms Offered” field specifies the length of the course (full-year, semester, trimester, or quarter). If a semester course is offered during only one of the two semesters, the term states either “First semester” or “Second semester.” Semester, trimester, and quarter courses that are offered more than once per year are marked as either “identical” or “repeatable.” Courses marked as identical may be taken only once. Courses marked as repeatable may be taken more than once. The limit on the number of times a repeatable quarter course may be taken in the same school year is twice. Assume that a course may be taken only one time unless the word “repeatable” appears.

Meeting Schedule

The meeting schedule is the number of blocks per cycle the course meets. Middle school students (grades 7–9) follow an eight-day cycle in which all courses meet five out of every eight school days. The exceptions to that rule are Physical Education 9, which meets four times per cycle, and the advisory program, which meets twice per cycle. Upper school students (grades 10–12) follow a six-day cycle. Most courses meet three out of every six school days. Directed Study courses are scheduled into shorter periods and meet twice per cycle.

PLANNING YOUR COURSE OF STUDY

Harvard-Westlake’s academic program consists of required courses and a wide range of elective courses. The “at a glance” pages later in this section may help make it easier to navigate through the options. There is one page for each grade level. When planning a course of study, the “at a glance” page for the appropriate grade level is a good place to start. It shows which subjects must be taken and a range of additional elective courses.

REQUIREMENTS

Students are required to complete five academic classes per semester.

CORE REQUIREMENTS

- English—six years (required each year)
- History and Social Studies—five years, through eleventh grade
- Mathematics—five years, through eleventh grade; six years strongly recommended
- Science—five years of laboratory sciences, usually taken in the seventh through eleventh grades
- World Languages—the study of one language through level III (strongly recommended) or two languages both through level II

Harvard-Westlake offers a language waiver to students who have educational testing that reveals a specific language-based learning difference and have a demonstrated difficulty in second-language acquisition. Students or families that have testing that they believe may qualify a student for this waiver must contact the school's learning specialist who will determine whether a waiver is warranted. It should be noted that Harvard-Westlake language waivers may not satisfy the admission requirements of some colleges and universities.

ARTS REQUIREMENTS

- Visual Arts, grade 7—one quarter
- Performing Arts, grade 7 or 8—one semester
- Arts (Performing Arts or Visual Arts), grade 8 or 9—an additional semester or two quarters
- Arts (Performing Arts or Visual Arts), grade 10, 11, or 12—an additional year

PHYSICAL EDUCATION REQUIREMENTS

- Physical Education 7, grade 7—one year
- Physical Education 8 (Regular or Intensive), grade 8—one year
- Physical Education or Interscholastic Sports, grades 9–12—six trimesters; three trimesters in grade 9 strongly recommended (the options for satisfying this requirement can be found in the Athletics section of this guide)

OTHER ACADEMIC REQUIREMENTS

- Knowledge Integration and Tools for Success, grade 7—one semester
- Advisory 7, grade 7—one year
- Advisory 8, grade 8—one year
- Human Development 8, grade 8—one quarter
- Debate, Ethics in Action, or Public Speaking, grade 8—one quarter (under special circumstances, deans may grant a deferral allowing a student to satisfy the requirement in grade 9)
- Advisory 9, grade 9—one year
- Sophomore Advisory, grade 10—one year
- Sophomore/Junior/Senior Seminar, grades 10–12—required each year

SERVICE REQUIREMENTS

- School and Community Service, grades 7–9—sixteen hours per year, at least four of which are served on campus and another four off campus (independently or on a school-sponsored trip)
- Community Service, grades 10–12—sixteen outreach hours per year and completion of a six-hour CPR/AED/first-aid course (these hours can be applied to fulfilling the sixteen-hour requirement during the year in which the course is completed)

COLLEGE ADMISSION REQUIREMENTS

The school's criteria for graduation satisfy the requirements of the universities and colleges in the United States to which Harvard-Westlake students typically apply, including those for admission to University of California (UC) system schools. Students are guided by their deans to ensure that all requirements are met, not only for the UC system but for any college or university to which a Harvard-Westlake student seeks admission.

ADDITIONAL COURSES AND ACTIVITIES

Courses are available beyond the requirements listed above, and students are encouraged to participate in clubs and other activities.

Students who wish to take multiple Advanced or Honors courses must carefully consider their homework requirements per cycle and other commitments. Students are required to adhere to the following Honors course enrollment maximums: no more than three for sophomores and five for juniors and seniors.

SEVENTH GRADE AT A GLANCE

REQUIREMENTS

Core

- *English*—English 7 (M2000)
- *History and Social Studies*—American History and Government (M6002)
- *Mathematics*—placement is determined by the department
- *Science*—Integrated Science I (M5000)
- *World Languages*—Chinese, French, Latin, or Spanish; placement within the chosen language program is determined by the department

Arts

- *Performing Arts*—at least one semester taken in either seventh or eighth grade
- *Visual Arts*—either the quarter course Visual Arts 7 (M0001) or the semester course Foundations in Visual Arts (M0005)

Physical Education

- *Physical Education*—Physical Education 7 (M8007)

Other Academic

- *Library and Information Literacy*—Knowledge Integration and Tools for Success (M7900)
- *Human Development*—Advisory 7 (M9117)

Service

- *School and Community Service*—sixteen hours per year, at least four of which are served on campus and another four off campus (independently or on a school-sponsored trip)

ELECTIVES

- *Performing Arts*—Performing Arts electives are available in dance, music, and theater arts

EIGHTH GRADE AT A GLANCE

REQUIREMENTS

Core

- *English*—English 8 (M2100)
- *History and Social Studies*—World Civilizations (M6100)
- *Mathematics*—placement is determined by the department
- *Science*—Integrated Science II (M5100)
- *World Languages*—Chinese, French, Latin, or Spanish; students are required to study the same language chosen in seventh grade

Arts

- *Performing Arts*—one semester taken in either seventh or eighth grade
- *Arts*— one semester or two quarters of performing or visual arts taken in either eighth or ninth grade

Physical Education

- *Physical Education*—Physical Education 8 (M8010 or M8011) or one year of dance (see Dance Program in the Athletics section for course options)

Other Academic

- *Interdisciplinary Studies and Independent Research*—Debate (M7302), Ethics in Action (M7304) or Public Speaking (M7300)
- *Human Development*—Advisory 8 (M9118)
- *Human Development*—Human Development 8 (M7938)

Service

- *School and Community Service*—sixteen hours per year, at least four of which are served on campus and another four off campus (independently or on a school-sponsored trip)

ELECTIVES

Students are encouraged to take one, two, or three semesters of elective courses.

- *Performing Arts*—Performing Arts electives are available in dance, music, and theater arts
- *Visual Arts*—Visual Arts electives are available in two-dimensional art, three-dimensional art, and media arts
- *Other*—the English, Interdisciplinary Studies and Independent Research, and Mathematics departments also offer eighth-grade elective courses

NINTH GRADE AT A GLANCE

REQUIREMENTS

Core

- *English*—English I (M2200)
- *History and Social Studies*—The Mediterranean and Europe: Ancient to Early Modern World (M6201)
- *Mathematics*—placement is determined by the department
- *Science*—Biology (M5200) or Honors Biology (M5210)
- *World Languages*—Chinese, French, Latin, or Spanish; in most cases, students continue to study the language chosen in seventh grade but have the option to add a second language if they intend to fulfill the World Languages requirement by studying two languages through level II

Arts

- *Arts*—one semester or two quarters of performing or visual arts taken in either eighth or ninth grade

Physical Education

- *Physical Education*—six trimesters of Physical Education credit earned while in grades 9–12 (three trimesters in grade 9 strongly recommended); students in ninth grade can earn credit by taking Physical Education 9 (M8009) and/or a dance class and/or by participating on an interscholastic sports team (see the Athletics section for a complete description of the program options)

Other Academic

- *Human Development*—Advisory 9 (M9119)

Service

- *School and Community Service*—sixteen hours per year, at least four of which are served on campus and another four off campus (independently or on a school-sponsored trip)

ELECTIVES

Students are encouraged to take two, three, or four semesters of elective courses.

- *Performing Arts*—Performing Arts electives are available in dance, music, and theater arts
- *Visual Arts*—Visual Arts electives are available in two-dimensional art, three-dimensional art, and media arts
- *Other*—the English, Interdisciplinary Studies and Independent Research, Mathematics, and World Languages departments also offer ninth-grade elective courses

TENTH GRADE AT A GLANCE

REQUIREMENTS

Core

- *English*—English II (U2400)
- *History and Social Studies*—The Rise of the Modern World (U6405) or Drawing and Painting I/The Rise of the Modern World: Art and History (U0280 and U6412)
- *Mathematics*—placement is determined by the department
- *Science*—Chemistry (U5500) or Honors Chemistry I (U5510)
- *World Languages*—Chinese, French, Latin, or Spanish; students must complete the study of one language through level III or two languages through level II
- *Other*—students must take a minimum of five academic courses each semester

Arts

- *Arts*—one year of either a performing or visual art taken in tenth, eleventh, or twelfth grade

Physical Education

- *Physical Education*—six trimesters of Physical Education credit earned while in grades 9–12. Students in tenth grade can earn credit by taking a physical education class and/or a dance class and/or by participating on an interscholastic sports team (see the Athletics section for a complete description of the program options)

Other Academic

- *Human Development*— Sophomore Advisory (U9013) and Sophomore Seminar (U9010)

Service

- *Community Service*—sixteen outreach hours (including completion of a six-hour CPR/AED/first-aid course during grades 10–12)

ELECTIVES

- *Performing Arts*—Performing Arts electives are available in dance, music, and theater arts
- *Visual Arts*—Visual Arts electives are available in two-dimensional art, three-dimensional art, and media arts
- *Other*—the English, History and Social Studies, Interdisciplinary Studies and Independent Research, Mathematics, Science, and World Languages departments and the Athletics division also offer tenth-grade elective courses

ELEVENTH GRADE AT A GLANCE

REQUIREMENTS

Core

- *English*—English III: Living America (U2520) or Honors English III: Imagining America (U2525)
- *History and Social Studies*— We the People: Thematic United States History (U6420) or Honors United States History (U6431)
- *Mathematics*—placement is determined by the department
- *Science*—at least one full-year laboratory science course in either eleventh or twelfth grade
- *Other*—students must take a minimum of five academic courses each semester

Arts

- *Arts*—one year of either a performing or visual art taken in tenth, eleventh, or twelfth grade

Physical Education

- *Physical Education*—six trimesters of Physical Education credit earned while in grades 9–12. Students in tenth grade can earn credit by taking a physical education class and/or a dance class and/or by participating on an interscholastic sports team (see the Athletics section for a complete description of the program options)

Other Academic

- *Human Development*—Junior Seminar (U9011)

Service

- *Community Service*—sixteen outreach hours (including completion of a six-hour CPR/AED/first-aid course during grades 10–12)

ELECTIVES

- *Performing Arts*—Performing Arts electives are available in dance, music, and theater arts
- *Visual Arts*—Visual Arts electives are available in two-dimensional art, three-dimensional art, and media arts
- *Other*—the English, History and Social Studies, Interdisciplinary Studies and Independent Research, Mathematics, Science, and World Languages departments and the Athletics division also offer eleventh-grade elective courses

TWELFTH GRADE AT A GLANCE

REQUIREMENTS

Core

- *English*—any one of five English IV courses (U2727, U2733, U2735, U2737, or U2745)
- *Mathematics*—strongly recommended
- *Science*—at least one full-year laboratory science course in either eleventh or twelfth grade
- *Other*—students must take a minimum of five academic courses each semester

Arts

- *Arts*—one year of either a performing or visual art taken in tenth, eleventh, or twelfth grade

Physical Education

- *Physical Education*—six trimesters of Physical Education credit earned while in grades 9–12. Students in tenth grade can earn credit by taking a physical education class and/or a dance class and/or by participating on an interscholastic sports team (see the Athletics section for a complete description of the program options)

Other Academic

- *Human Development*—Senior Seminar (U9012)

Service

- *Community Service*—sixteen outreach hours (including completion of a six-hour CPR/AED/first-aid course during grades 10–12)

ELECTIVES

- *Performing Arts*—Performing Arts electives are available in dance, music, and theater arts
- *Visual Arts*—Visual Arts electives are available in two-dimensional art, three-dimensional art, and media arts
- *Other*—the English, History and Social Studies, Interdisciplinary Studies and Independent Research, Mathematics, Science, and World Languages departments and the Athletics division also offer twelfth-grade elective courses

ACADEMICS

ACADEMICS

ENGLISH	17
REQUIRED COURSES	17
ELECTIVES.....	23
HISTORY AND SOCIAL STUDIES.....	26
SEVENTH GRADE	27
EIGHTH GRADE.....	27
NINTH GRADE	28
TENTH GRADE.....	28
ELEVENTH GRADE	29
FULL-YEAR ELECTIVES.....	30
SEMESTER ELECTIVES.....	33
INTERDISCIPLINARY STUDIES AND INDEPENDENT RESEARCH	34
ELECTIVES.....	34
SENIOR INDEPENDENT STUDY	49
LIBRARY AND INFORMATION LITERACY	50
MATHEMATICS	51
MATHEMATICS.....	52
COMPUTER SCIENCE.....	60
ECONOMICS.....	62
SCIENCE	63
INTEGRATED SCIENCE.....	63
BIOLOGY	64
CHEMISTRY.....	67
EARTH AND SPACE SCIENCES.....	69
MULTIDISCIPLINARY SCIENCES	70
PHYSICS	73
WORLD LANGUAGES	76
CLASSICAL LANGUAGES	77
MODERN LANGUAGES	81
DIRECTED STUDIES.....	95
OTHER PROGRAMS.....	98
DIVERSITY, EQUITY, AND INCLUSION.....	98
HUMAN DEVELOPMENT	98
SCHOOL AND COMMUNITY SERVICE	101

ENGLISH

The English program helps students develop their writing ability and appreciation of literature. By examining major works, students progress through a series of reading and writing challenges that refine their analytical skills. Each course is designed to help students read works for their distinctive portrayals of characters with an increasingly sharp eye for how authors bring human experience to life. Students respond to literature in personal, imaginative, and analytical writings, as well as by participating in oral work—discussions, dramatic readings, and presentations. While deepening their study of characters’ successes and failings, students become more aware of the complexities inherent in becoming compassionate, responsible, and ethical human beings.

At every level, the program encourages and rewards critical thinking and clear expression. In addition, over the six years, students learn basic concepts of grammar and rhetoric and how to apply them in their own writing. The English department aims for each student to graduate able to write effectively for a variety of purposes and with the kind of self-enlargement that comes through acquaintance with various works of the literary imagination.

All students must take an English course each year. Those interested in honors courses should be aware that homework assignments are more rigorous, texts chosen more demanding, and writing prompts more challenging than in a non-honors class.

REQUIRED COURSES

In the seventh through tenth grades, all students enroll in the same sequence of courses. In eleventh grade, students choose between two course offerings; in twelfth grade, from five. The English requirement is satisfied by taking any one of these options. *No more than one core course may be selected*, but a student can enroll in any of the elective courses in addition to the required one. All senior courses emphasize developing skills that ensure a successful transition to the demands of college reading and writing.

English 7**M2000***Full year — Grade 7 — Meets 5 blocks per cycle*

This course helps students understand literature by emphasizing reading comprehension, close reading, critical thinking, the joy of reading, and symbolic interpretation. Students study texts such as S. E. Hinton’s *The Outsiders*, Monica Hesse’s *Girl in the Blue Coat*, and a diverse selection of poetry. Analytical writing assignments require students to use the text to support their claims, and creative projects challenge them to explore and engage with the literature from various perspectives. To encourage a love of reading, students engage in independent reading of their choice.

English 8**M2100***Full year — Grade 8 — Meets 5 blocks per cycle*

This course explores how characters grapple and cope with belonging in texts such as Toni Cade Bambara’s *Gorilla, My Love*, John Green’s *Turtles All the Way Down*, Trevor Noah’s *Born a Crime*, William Shakespeare’s *Romeo and Juliet*, and Art Spiegelman’s *Maus*. Students write analytically, contextualizing and closely examining direct quotations to support their claims. They also write poetry and personal reflections that encourage them to connect the course’s theme to their own lives.

English I**M2200***Full year — Grade 9 — Meets 5 blocks per cycle*

This course examines characters who are “between worlds” and searching for “home” by focusing on texts such as Homer’s *The Odyssey*, August Wilson’s *Fences*, and Charles Yu’s *Interior Chinatown*. In these and other literary works, students study characters struggling with identity and attempting to create a more harmonious society while confronting internal and external challenges. In class, they consider a variety of fictional worlds, reflecting on their role in creating peaceful and meaningful lives. The writing program includes analytical, personal, and imaginative assignments. Students continue to refine skills and learn strategies for developing a persuasive literary argument by formulating claims and supporting them with textual evidence and thorough, detailed explanations.

English II**U2400***Full year – Grade 10 – Meets 3 blocks per cycle*

Students encounter characters caught in the struggle to be good while in conflict with external forces and their own passionate impulses. To imagine and evaluate such predicaments, students examine crux scenes—carefully crafted episodes in which characters are driven to make difficult choices. In the process, students refine their vocabulary of human motives, mental and emotional states, and ethics as they find themselves increasingly called upon to make responsible choices of their own. Readings include a variety of voices across time and cultures, such as Mary Shelley’s *Frankenstein*, William Shakespeare’s *Twelfth Night*, Margaret Atwood’s *The Handmaid’s Tale*, Jesmyn Ward’s *Salvage the Bones*, and selected short stories and poems. The writing program practices and refines analytical skills learned in the seventh through ninth grades. Students become more independent in discovering, developing, and defending their interpretations in persuasive essays. In addition, a study of language builds on students’ knowledge of grammatical concepts and promotes awareness of their stylistic options as writers.

English III Options**English III: Living America****U2520***Full year – Grade 11 – Meets 3 blocks per cycle*

America has always been a land of stories—so many, in fact, that finding a common thread can be elusive. What, then, makes a life distinctly American when the promise of freedom often contradicts people’s lived experiences? That Thomas Jefferson wrote the Declaration of Independence while owning enslaved people is a paradox that reflects this contradiction and the disparate experiences of Americans from different backgrounds. In this course, students encounter the struggles to fulfill our communal ideals and identify ways those ideals remain elusive. With their unique perspectives, students grow to see themselves as playing vital parts in shaping and telling ongoing American stories. Readings may include F. Scott Fitzgerald’s *The Great Gatsby*, Nella Larsen’s *Passing*, Carson McCullers’ *The Member of the Wedding*, Toni Morrison’s *The Bluest Eye*, and Tommy Orange’s *There There* as well as poems by Emily Dickinson, Langston Hughes, and Walt Whitman.

Honors English III: Imagining America**U2525***Full year — Grade 11 — Meets 3 blocks per cycle*

America is a big place—but a much bigger idea. James Baldwin once remarked that it is “larger, more various, more beautiful, and more terrible than anything anyone has ever said about it.” Baldwin may be right, but poets and novelists still try. In this course, works that reflect, celebrate, and challenge America’s cherished image of itself as a beacon of hope, freedom, and opportunity are explored. These works wrestle with many of the cultural tensions that make America a dynamic, fascinating, inspiring, and infuriating place: the promise and pitfalls of American exceptionalism, the individual versus the community, the ideal of equality, and the reality of racism. Tracing these themes through classic and contemporary texts provides a glimpse into literary history. Students should walk away more curious about themselves and their identity as Americans and more aware of the cultural values that shape them. The readings mirror the chronology of American history, allowing students to see how social and cultural forces influence the stories Americans tell about themselves. Works may include William Faulkner’s *As I Lay Dying*, F. Scott Fitzgerald’s *The Great Gatsby*, Nathaniel Hawthorne’s *The Scarlet Letter*, Chang-rae Lee’s *On Such a Full Sea*, Toni Morrison’s *Beloved*, Justin Torres’s *We the Animals*, and Jesmyn Ward’s *Sing, Unburied, Sing*.

English IV Options**Honors English IV: Dystopias and Utopias****U2727***Full year — Grade 12 — Meets 3 blocks per cycle*

Plato imagined one of the first ideal societies in the fourth-century B.C.E. dialogue *Republic*. In 1516, Sir Thomas More’s *Utopia* gave these fictional societies a name. But what some visionaries see as utopian may be its counterpart: dystopian. Students explore texts that imagine perfect societies as well as those that extrapolate contemporary threats to nightmarish ends. Although it includes fictional works, the course is rooted in nonfiction, with an emphasis on argumentative writing and the study of rhetoric, rather than literary analysis. Each fictional text is accompanied by relevant essays, historical documents, documentaries, and other nonfiction pieces. Course texts may include Karl Marx and Friedrich Engels’s *The Communist Manifesto*; speeches by Susan B. Anthony, Martin Luther King Jr., Abraham Lincoln, Elie Wiesel, and Malcolm X; allegories by Isaac Asimov, Octavia E. Butler, and Jonathan Swift; and classic dystopias from Aldous Huxley’s *Brave New World* to Alan Moore’s *V for Vendetta*.

Honors English IV: Same House, Different Worlds

U2733

Full year – Grade 12 – Meets 3 blocks per cycle

Thirty years after writing *Where the Wild Things Are*, Maurice Sendak said, “I remember my own childhood vividly. I knew terrible things. But I knew I mustn’t let adults know I knew. It would scare them.” Students in this course explore the mysterious relationship between adults and children. What is the nature of the different worlds children and adults inhabit? Where do these worlds overlap? Where do they remain separate? What happens when one world encroaches upon the other? To what extent do people remain their parents’ children, even after growing up? What can adults learn from the children in their lives? In addition to investigating how literature answers these questions and others, students reflect on how authors use the parent/child relationship to illuminate larger themes, both social and personal. Works may include Jane Austen’s *Pride and Prejudice*, James Baldwin’s *Go Tell It on the Mountain*, Jamaica Kincaid’s *Annie John*, William Shakespeare’s *Hamlet*, Colm Tóibín’s *Brooklyn*, and Tarjei Vesaas’s *The Ice Palace*.

Honors English IV: Outsiders and Aliens

U2735

Full year – Grade 12 – Meets 3 blocks per cycle

Humans are social beings. From birth, people create communities cemented by familial, social, political, religious, and civic ties. For some, however, acceptance into these communities proves elusive. Students in this course analyze drama, fiction, and poetry to explore the stories of these outliers. What or who prevents someone from fitting in? Does any power exist for those forced to society’s margins? What do stories reveal about human nature? What do they expose about contemporary social and cultural realities? A wide range of lived human experience is studied via challenging and compelling works of classic and contemporary literature. Core texts may include Emily Brontë’s *Wuthering Heights*, Junot Diaz’s *The Brief Wondrous Life of Oscar Wao*, Cathy Park Hong’s *Minor Feelings*, Toni Morrison’s *Song of Solomon*, William Shakespeare’s *Hamlet*, Virginia Woolf’s *Mrs. Dalloway*, and selected works of poetry.

Honors English IV: Good Grief**U2737***Full year — Grade 12 — Meets 3 blocks per cycle*

Mary Oliver declares that living requires three things: “to love what is mortal; to hold it against your bones knowing your own life depends on it; and, when the time comes to let it go, to let it go.” This course explores harrowing experiences with loss and its attendant, grief. It examines how people react to these catastrophes and struggle to make sense of them and find meaning. Through both classic and contemporary novels, plays, and poetry, students address questions from diverse angles: Why are some people able to overcome the worst losses while others cannot? To what extent do people create and perpetuate such crises? How much does success in coping, healing, and emerging wiser depend on one’s self? What does compassion really require? Works may include the Book of Job, Jane Austen’s *Sense and Sensibility*, Arturo Islas’s *The Rain God*, Rachel Khong’s *Goodbye, Vitamin*, William Shakespeare’s *Hamlet*, Danez Smith’s *Don’t Call Us Dead: Poems*, and Virginia Woolf’s *Mrs. Dalloway*.

English IV: Criminal Minds**U2745***Full year — Grade 12 — Meets 3 blocks per cycle*

Criminal behavior can be fascinating. Stories of cruelty and human error can simultaneously disturb and compel. This course examines the psyche that disrupts order and the investigators who aim to restore peace. Students consider what the search for truth requires and how justice confronts the extremes of human behavior. From detective fiction to contemporary thrillers to texts that look beyond the traditional genre, this course explores the impulse to break rules and transgress boundaries. Students continue analytical skill-building while also writing reflective pieces, including a final project for which they build a dossier that envisions themselves as a case to be cracked. Works may include Oyinkan Braithwaite’s *My Sister the Serial Killer*, Raymond Chandler’s *The Big Sleep*, Arthur Conan Doyle’s Sherlock Holmes stories, Patricia Highsmith’s *The Talented Mr. Ripley*, Naomi Hirahara’s *Clark and Division*, and Dennis Lehane’s *Mystic River*.

ELECTIVES

Students may choose one of the following electives to be taken in addition to a required English course.

Creative Writing Workshop

M2300

Repeatable quarters — Grades 8 and 9 — Meets 5 blocks per cycle

This course encourages students, in a supportive workshop setting, to find and develop their creative voices. Students use vivid detail, dialogue, and expressive language to write character-driven short stories, dramatic scenes, and poetry. The class explores how writers and poets use different styles and techniques. Students experiment with these varied forms in their own writing through in-class exercises, journaling, and presentations.

Shakespeare and Our World^{KC}

U2635

Full year, repeatable — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Curiosity about William Shakespeare is the only prerequisite for this course. Shakespeare's contemporary Ben Jonson wrote that Shakespeare was "not of an age, but for all time." This class explores the ways in which Jonson was right. Students look at Shakespeare from multiple angles—historically, theatrically, and poetically—seeking to understand why there is always someone reading, performing, or watching Shakespeare in nearly every country on earth. Assignments include creative options, allowing students to explore individual interests as they develop. The course is conceived in a three-year cycle: the readings do not duplicate plays read in other courses, and, within each cycle, no play is repeated, so students may take up to three years of Shakespeare and Our World. Film and theater versions, as available, are studied in connection with each text.

Directed Study: Slam! Spoken-Word Poetry^{KC}**U2640***Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle*

This creative-writing course introduces students to the history, composition, and performance of poetry as an oral and aural medium. After a brief history on the emergence of modern spoken-word poetry in the context of the American civil rights movement, students study a variety of historical and modern written works and performance videos. Building on an examination of what makes for effective and moving performance poetry, the course becomes a workshop for writing, revising, and performing original works, both individual and group pieces. In the second semester, students perform in a school showcase and have the option to audition for the spoken-word team to compete in Get Lit's annual citywide Classic Slam competition.

Honors English Seminar: The Road Ahead**U2555***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

For Americans, pursuing happiness is enshrined in the Declaration of Independence as a God-given right and self-evident truth. Is it any surprise then that people spend so much time searching—for the right person, the right job, the perfect meme? American writer Gore Vidal once said, “Americans are future-minded to the point of obsession. We are impatient at living in the present. Tomorrow is bound to be better... next year, next century, always what might be rather than what is.” Texts for this course feature characters on the move and seeking, not always by choice. They might be looking for something simple, like a lock that fits a mysterious key, or something more complex, like a new sense of self, a place to feel at home, or a way to make peace with their past. By tracing these journeys, students enter new worlds and see how each character’s quest feeds the soul or fuels dissatisfaction. Reading with curiosity, students search, too—for an escape, a little fun, or some meaning that is not obvious at first glance. Works may include Steph Cha’s *Your House Will Pay*, Don DeLillo’s *White Noise*, Ralph Ellison’s *Invisible Man*, Jhumpa Lahiri’s *Interpreter of Maladies*, Viet Thanh Nguyen’s *The Sympathizer*, Tim O’Brien’s *The Things They Carried*, Anthony Veasna So’s *Afterparties*, Morgan Talty’s *Night of the Living Rez*, Justin Torres’s *We the Animals*, and Edith Wharton’s *The Age of Innocence*. *Corequisite: Concurrent enrollment in Honors English III: Imagining America or an Honors English IV course.*

Creative Writing**U2620***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Students read poems and short stories as guides for writing their own. Poetry is the initial focus to make students sensitive to what good literary writing requires—vivid and precise detail purposefully selected and arranged. After emulating some masters and experimenting in formal verse and freer forms, students clarify and deepen their visions by revising their work. Later, the focus is on the task of creating meaningful short fiction, dramatizing characters' conflicts in well-crafted scenes, experimenting in narrative points of view, and fine-tuning language through revisions. Readings include Mary Oliver's *A Poetry Handbook*, several poems by writers including W. B. Yeats, Elizabeth Bishop, and Langston Hughes, as well as short stories by authors including Anton Chekhov, Katherine Anne Porter, and Raymond Carver. The class culminates with a final project rather than with a final examination.

Honors English Seminar: One Life's Worth**U2755***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Writers have always wondered about the value of a human life. While some lives can appear more important than others, some seem to have no value at all. And if a life can be imagined as lesser than another or even completely worthless, how can such views be reconciled with our most basic sensibilities about sitting shoulder to shoulder in a learning community? This seminar challenges assumptions about human worth and worthiness. Placing works with deep roots in Western culture into conversation with more contemporary voices, students explore issues of power, privilege, and who sets the price on a person's value; what self-value can have to do with it; and both how this conversation is changing and how to be part of it. Core readings include Jane Austen's *Persuasion*, Samuel Beckett's *Waiting for Godot*, Homer's *Iliad*, and William Shakespeare's *The Merchant of Venice*. Readings around this core may include Terrance Hayes's *American Sonnets for My Past and Future Assassin*, Franz Kafka's *The Metamorphosis*, Khaled Khalifa's *Death Is Hard Work*, Claudia Rankine's *Citizen: An American Lyric*, Virginia Woolf's *A Room of One's Own*, and poems by Gwendolyn Brooks, Charles Bukowski, T. S. Eliot, Ada Limón, Adrienne Rich, Christian Wiman, and others.

Corequisite: Concurrent enrollment in Honors English III: Imagining America or an Honors English IV course.

HISTORY AND SOCIAL STUDIES

The primary mission of the History and Social Studies department is to teach a curriculum of history, culture, and heritage that enables students to know themselves more fully in a changing historical context and be active participants in their local, national, and world communities. The department seeks to:

- nurture each student's enjoyment of history;
- teach a body of knowledge;
- develop skills in research, writing, and oral expression;
- develop critical thinking;
- instill in students a sense of service to others and responsibility for their world.

The history and social studies program examines global human experience in light of unifying themes such as the process of change over time and the interrelationships among societies. Information is selected to stimulate student interest in and understanding of historical concepts and patterns. Issues of race, religion, gender, ethnicity, and class are incorporated into the curriculum along with current events, geography and the environment, and an introduction to the social sciences: anthropology, sociology, economics, and international relations.

Methods of evaluation in all courses include tests, reading quizzes, essays, and research assignments. Students should expect the reading to become more challenging at each grade level. The department offers several elective courses that span the fields of social science, political science, and international relations. All elective courses adhere to similar standards regarding reading assignments, research papers, and grading. All courses in the department have a final assessment or examination.

All students must complete a full year of study in History and Social Studies each year during the seventh through eleventh grades.

SEVENTH GRADE

American History and Government

M6002

Full year — Grade 7 — Meets 5 blocks per cycle

This course explores the functions of American government and its development over time. Students become familiar with the underlying principles and unique structure of our democratic republic, analyze the United States Constitution and landmark Supreme Court cases, discuss the principles that inform our political processes, and consider the social and cultural implications of important legislation and political events. This course aims to provide an understanding of American government so that students become informed, committed citizens. Study strategies and organizational skills—including careful reading and annotation, primary source analysis, critical thinking, note-taking, and research skills—are taught. Students develop interpersonal communication skills through collaborative projects, class discussion and debate, the writing of expository essays, oral presentations, and electronic communication. Use of a variety of digital tools enhances students' twenty-first-century learning experience.

EIGHTH GRADE

World Civilizations

M6100

Full year — Grade 8 — Meets 5 blocks per cycle

This course examines events and trends that have shaped the development of the modern world. It focuses on civilizations in East and West Asia, Africa, and Latin America. The course concentrates on the rise of global empires and societies and the development of political and economic structures. Skills cultivated include critical reading, argumentative writing, discussion, and proficient analysis of primary and secondary sources.

NINTH GRADE

The Mediterranean and Europe: Ancient to Early Modern World M6201

Full year – Grade 9 – Meets 5 blocks per cycle

This survey of the Mediterranean world and Europe from the Bronze Age to the sixteenth century focuses on the political, socioeconomic, and cultural developments in the region. Coursework builds skills necessary for history students: reading comprehension, critical analysis of sources, inferential and analytical thinking, writing and discussion skills, research techniques, and study strategies. Readings are drawn from a variety of primary and secondary sources; they provide an overview of historical events, cultural developments, and insights into patterns of civilization and highlight a diverse range of voices with emphasis on groups that have traditionally been subject to historical silences, such as women, peasants, and the enslaved.

TENTH GRADE

The Rise of the Modern World U6405

Full year – Grade 10 – Meets 3 blocks per cycle

This course examines major political, economic, intellectual, social, and cultural developments of the sixteenth through the late-twentieth centuries and the interplay of those developments around the world. Students consider the significance of key ideas and movements that helped shape the modern world: economic systems, revolution, industrialism, nationalism, racism, feminism, socialism, rise of nation-states, imperialism, decolonization, globalization, and more. Coursework emphasizes skill development in critical thinking, coherent argumentation, research, argumentative writing, and the interpretation of primary and secondary sources.

The Rise of the Modern World: Art and History

U6412

Full year — Grade 10 — Meets 3 blocks per cycle

This course, which is taken in conjunction with the tenth-grade drawing and painting course, equips students to visually and critically understand the modern world. Students examine major artistic, cultural, economic, intellectual, political, and social developments of the sixteenth through the late-twentieth centuries and the interplay of those developments around the globe. They consider the significance of key ideas and movements that helped shape the modern world—economic systems, revolution, industrialism, nationalism, racism, feminism, socialism, rise of nation-states, imperialism, decolonization, cultural appropriation, and globalization—and how those movements impact the evolution of different artistic periods. Coursework emphasizes skill development in reading, critical thinking, coherent argumentation, research, argumentative writing, collaborative inquest, and interpretation of primary and secondary sources.

Corequisite: Drawing and Painting I/The Rise of the Modern World: Art and History (U0280).

ELEVENTH GRADE**We the People: Thematic United States History**

U6420

Full year — Grade 11 — Meets 3 blocks per cycle

This course is organized thematically around essential historical issues: American ideals, power, and rights, capitalism, equality, foreign policy, and immigration. It does not attempt to tell a comprehensive and chronological story of United States history; rather, it offers points of reflection on what it means to be an American and what one needs to know about the past to understand the present. In every unit, students ask who is “We” in “We the People.” Who is included and who is excluded? What does it mean to be an American, and how has this evolved over three centuries? Students learn how to navigate the past, become more responsible citizens, and strive for that more perfect, yet never finished, Union. This approach highlights continuity and change over time, encouraging students to make connections between past events and contemporary issues and to reflect on how these moments in time have helped shape our American story and identity.

Honors United States History**U6431***Full year — Grade 11 — Meets 3 blocks per cycle*

In this survey course, students analyze major trends, themes, and characteristics of United States history from pre-colonial Indigenous-American societies through the end of the twentieth century. Coursework integrates a variety of primary sources, a college-level textbook, and an introduction to historiography by reading scholarly interpretations. The pace and depth of the workload necessitate highly developed reading skills and facility with composing in-class and homework essays. Students are expected to actively contribute through discussion and other forms of class engagement. Second semester, students research a self-designed historically debatable question and present their analysis in a scholarly essay.

FULL-YEAR ELECTIVES**Honors European History****U6416***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course covers the history of Europe from 1300 to the present. It is fast paced, discusses a wide variety of topics, and, similar to a college-level history survey, requires sophisticated analysis of historical change. The course is designed for students with highly developed reading and writing skills and requires independent learning and initiative. Students are expected to invest the time and energy necessary to understand the readings and think through complex issues. Topics of study include the Renaissance and Reformation, Scientific and Industrial Revolutions, formation and fall of empires, decline of monarchies, rise of nation-states and democratic governments, spread of totalitarianism, world wars, Cold War, and formation of the European Union. Class discussions are based on in-depth analysis of primary and secondary texts, images, and propaganda. Major assessments focus on strengthening composition skills and formulating interpretations of historical change that analyze the influence of political, economic, social, and cultural factors; examine how society is influenced by religion, nationality, class, ideology, technology, gender, race, and ethnicity; and trace the role of art and literature in shaping Western views of humanity, society, and the world.

Prerequisite: Grade 10—A in The Mediterranean and Europe: Ancient to Early Modern World.

Honors Art History^{KC}**U6490***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course provides an introduction to world architecture, painting, and sculpture from prehistoric times to the present. Students learn to interpret works of art in terms of the formal elements of composition and aesthetic principles with an emphasis on global interconnectivity. The course focuses on understanding how these mediums reflect their cultural context by examining the historical, religious, social, and economic periods in which they were produced.

Honors Urban and Ethnic Studies^{KC}**U6526***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

The goal of urban studies is to assess the causes and impacts of city life and ethnic studies to understand and explain cultural diversity in American society. This course merges these missions by immersing students in the systematic examination of patterns and processes that continuously shape the urban and cultural landscapes of America. Students analyze the constructs of race and ethnicity, as well as their intersection with gender and socioeconomic class, while exploring the effects of oppression and discrimination and the emergence of resistance, acculturation, and assimilation. They also deconstruct popular culture and its role in these studies. The course focuses on understanding why people live in cities (and suburbs), how urban settings influence human behavior, how human behavior sculpts the urban landscape, and how to grapple with long-term issues such as urban poverty, education, and economic transformation and dislocation. This is filtered through the lens of Los Angeles, with significant emphasis and work tied to the city and region.

Honors World History**U6515***Full year — Grade 12 — Meets 3 blocks per cycle*

This course provides a broad study of the development of world civilizations, incorporating the history of peoples and cultures from every part of the globe. Coursework prepares students to compare diverse societies across geographic regions, from the earliest human societies through the twentieth century. In addition to studying the rise and fall of empires, key issues incorporated into each unit include the origins and development of gender inequality; growth and evolution of religious beliefs; influence of philosophical, intellectual, and technological breakthroughs; roles of law and government; and influence of the economy and environment in shaping human society. Second semester focuses on the modern era from 1500 CE to the present, investigating the interaction of peoples and ideas across continents to examine how and why some societies dominated their regions of the world and others did not.

United States Government and Politics
Full year – Grade 12 – Meets 3 blocks per cycle

U6602

This course focuses on the structures of the American system of government, the way political dynamics inform those structures, and the constitutional framework. Students analyze how they work together to support and/or impede the will of the people, the protection of civil liberties guaranteed to citizens of the United States, and the empowerment of political parties and interest groups. Textbook and additional readings and current political, legal, and governmental issues are used to illustrate major points and refine students' understanding.

Honors United States Government and Politics
Full year – Grade 12 – Meets 3 blocks per cycle

U6603

Students in this course analyze the constitutional underpinnings of American government; the civil liberties guaranteed to the people of the United States; the political beliefs and behaviors of American citizens, political parties, and interest groups; and the institutions and policy processes of the national government. Current political, legal, and governmental issues are used to illustrate major points and refine students' understanding.

Honors Comparative Government and Diplomacy
Full year – Grade 12 – Meets 3 blocks per cycle

U6613

Students in this course explore the structures, functions, and ideologies of various governments around the world while analyzing the complex dynamics of international relations. Through a comparative lens, students examine the challenges and strategies of governance, emphasizing diplomacy, global institutions, and the impact of current events. Students are encouraged to engage critically with topics such as democratic resilience, authoritarianism, economic development, and human rights within a global framework. Students also delve into the role of international organizations and diplomatic negotiation. A capstone Model United Nations simulation requires students to apply their knowledge to debate, negotiate, and resolve global issues. This class prepares students for an interconnected world, emphasizing analytical skills, cultural awareness, and the art of diplomacy.

SEMESTER ELECTIVES

Directed Study: Democracy in Decay

U6810

First semester — Grades 10, 11, and 12 — Meets twice per cycle

This course investigates factors that contribute to the weakening of democratic governments. It begins with a study of the failure of democratic governments in the 1920s and 1930s to understand the political, economic, and social factors that undermined democratic institutions and eroded trust in popular government and then looks toward current questions: Have changes in contemporary society led to a decline in the effectiveness and popularity of democratic governments? Is there an anti-democratic wave spreading around the world? Students choose among a group of countries where democracy has significantly decayed in the past decade for an in-depth analysis of the causes of that decline. The semester concludes with an assessment of the current strength of popular rule in well-established democracies such as the United States.

INTERDISCIPLINARY STUDIES AND INDEPENDENT RESEARCH

The Interdisciplinary Studies and Independent Research (ISIR) department offers coursework that exposes students to content and approaches from multiple or nontraditional disciplines. The department, in conjunction with the other academic departments, also affords students opportunities for research, in-depth study, and immersion beyond those available in traditional offerings. The mission of this department is to enhance the academic experience of Harvard-Westlake students through their interaction with unique and interesting subject matter, utilization of innovative methodologies, and development of certain capstone capabilities in original research, public presentation, and ethical reasoning.

Eighth-grade students must complete one quarter of Debate, Ethics in Action, or Public Speaking to satisfy the eighth-grade ISIR requirement. Under special circumstances, deans may grant a deferral allowing a student to satisfy this requirement in ninth grade.

ELECTIVES

Introduction to HW Media

M7225

Repeatable semesters — Grades 8 and 9 — Meets 5 blocks per cycle

Students write, produce, and promote news, feature, sports, and opinion stories for *The Spectrum* online newsmagazine and other Harvard-Westlake media outlets. Students should expect to spend time in and out of class researching, reporting, photographing (still and/or video), producing, and promoting stories. They use studio- and field-recording equipment as well as a variety of design, editing, and content publication tools. Leadership skills are developed as students learn to meet deadlines and exercise sound journalism ethics.

Prerequisite: Media for the Modern Age, taken previously or concurrently.

Japanese Culture and Language**M7631***Second semester — Grades 8 and 9 — Meets 5 blocks per cycle*

This course introduces students to Japanese culture and language through thematic units on history and geography, food, popular culture, art, literature, and religious and architectural traditions. Students study foundational elements of the Japanese writing systems and grammar while learning vocabulary connected to each topic. Readings may include excerpts from classical and contemporary works in translation and, when appropriate, in the original Japanese. Instruction emphasizes cultural comparison, the exchange of ideas between Japan and the United States, and changes in Japanese cultural practices over time. Projects and selected cultural activities deepen students' understanding and support the development of skills they can use to continue studying the Japanese language.

Media for the Modern Age**M7220***Identical quarters — Grades 8 and 9 — Meets 5 blocks per cycle*

This course explores media literacy, the ethics of journalism, and the changing media landscape. It examines the responsibilities of journalists and the roles social and traditional media play in our lives. Students learn to evaluate the credibility of news stories and photographs, examine bias, and seek out a variety of reliable sources. Students are also encouraged to think critically about current events, engage with diverse perspectives, and consider how reporting can reinforce or combat bias and inequities. The course provides a foundation in responsible journalism and student press law and is a prerequisite for Introduction to HW Media.

Public Speaking**M7300***Identical quarters — Grades 8 and 9 — Meets 5 blocks per cycle*

Students learn to express themselves with confidence and clarity. The course is designed to develop presentation, listening, and critical-thinking skills. Students become aware of the elements of verbal and non-verbal communication and how to effectively incorporate visual aids. They deliver both impromptu and prepared speeches, including biographical introductions, informative "how-to" explanations, and persuasive arguments. Students gain additional insights into the basics of public speaking by watching and critiquing speeches. They provide constructive feedback to their peers, articulating insights that can be applied to improve their own performances as well as to help others.

Debate**M7302***Identical quarters – Grades 8 and 9 – Meets 5 blocks per cycle*

This introductory course is designed to teach parliamentary-style debate. Students explore both sides of an argument, support their points with evidence, and effectively communicate their positions. Key skills include public speaking, argumentation, reasoning, comprehension of empirical evidence and data, source analysis, refutation, research, note-taking, rhetoric, and teamwork. During class, students work in groups to create research outlines, write and practice delivering speeches, and debate each other.

Ethics in Action**M7304***Identical quarters – Grades 8 and 9 – Meets 5 blocks per cycle*

With a focus on collaboration, critical thinking, and empathy, students discuss, research, and create presentations based on real-world ethical dilemmas. The course introduces ethical principles, such as Kantian, consequentialism/utilitarianism, care ethics, and classical virtue ethics, and prepares teams of students to argue cases posed by the National High School Ethics Bowl as well as dilemmas from current events, literature, and media. Through presentations, scrimmages, group research, and learning games, students demonstrate skills central to citizenship: navigating challenging moral issues in a rigorous, systematic, and open-minded way.

Zero to One: An Introduction to Entrepreneurship**M7602***Identical quarters – Grades 8 and 9 – Meets 5 blocks per cycle*

This course demystifies the world of entrepreneurship by exploring fundamental concepts and skills common to the entrepreneur. Students embark on a journey to understand how startups grow into businesses that work and what it takes to earn that first customer. Through case studies, practical exercises emphasizing design thinking, and interactive discussions, students develop the skills essential to entrepreneurship, such as ideation, prototyping, problem identification and solving, communication, and presentation. Students also cultivate important financial literacy skills in the context of entrepreneurship. Throughout the semester, students research the growth and development of their favorite for-profit and non-profit organizations and use those examples as a touchstone to contextualize their learning. The course culminates in a final presentation on the company of their choice.

Student Leadership**M7074***Identical semesters — Grade 9 (Grade 8 by election to Student Council) —**Meets 5 blocks per cycle*

This project-based course is designed for students with an interest in leadership. Classwork centers on discussion, development, and implementation of crucial aspects of good leadership (teamwork, self-awareness, effective communication, conflict resolution, etc.). Students reflect on their beliefs and opinions about leadership, exchange ideas and perspectives with their peers, and then apply what they learn to a project proposal. Students engage in activities designed to put theory into practice, enabling them to identify their leadership style and recognize the strengths and contributions of others. In the final project, students consider the type of leader they are currently and the work they would like to do to benefit their communities. Elected ninth- and eighth-grade Student Council senators are required to take this course.

Product Design and Entrepreneurship**M7603***Identical semesters — Grade 9 — Meets 5 blocks per cycle*

Building on the foundations of identity, empathy, and design thinking established in the prerequisite course, this course immerses students in the creative and technical process of product design. Students explore how ideas take shape through three-dimensional modeling, rapid prototyping, and user-centered iteration in the makerspace. Emphasizing aesthetics, functionality, and problem-solving, the course guides students in transforming abstract concepts into tangible solutions. By the end of the semester, students design, prototype, test, and present a product that reflects both entrepreneurial creativity and technical craftsmanship.

Prerequisite: Zero to One: An Introduction to Entrepreneurship.

Ethnic Studies: Identity, Power, and Justice**M7630***Identical semesters — Grade 9 — Meets 5 blocks per cycle*

This introductory course puts at its center the voices of marginalized communities and provides a space for all students to see themselves reflected in the curriculum. Through historical documents, class discussions, and individual and group projects, students explore aspects of their identities; the intersection of social identities, history, and immigration; systems of power and oppression; and social justice movements. By studying the histories of race, ethnicity, nationality, gender, and culture, students are empowered to cultivate the respect, empathy, and solidarity that foster active social engagement and community building.

HW Media I**U7295***Full year — Grade 10 — Meets 3 blocks per cycle*

Students write, produce, and promote news, feature, sports, and opinion stories for the *Chronicle* and yearbook, magazines, and other Harvard-Westlake media outlets. Working under the guidance of students in HW Media II and III (and supervision of teachers), students investigate topics relevant to the community and work together to develop and circulate daily print and digital media productions using audio, broadcast/streaming, and/or social-media formats. Students learn to defend, both orally and in writing, decisions regarding the message, medium, and style of their journalistic output and its legal and ethical soundness. They analyze writing styles, perspectives, and values in professional media and their own work. Students are required to take part in HWTv livestreams each trimester and expected to participate in additional activities and projects outside of class.

Prerequisite: Introduction to HW Media.

Directed Study: Dialogue Across Difference**U7048***Second semester — Grades 10 and 11 — Meets twice per cycle*

This course develops students' capacity to engage in thoughtful, respectful dialogue across differences. Using a curriculum developed by ConnectEd, students build skills in active listening, empathy, inquiry, and respectful disagreement through structured discussion and guided practice. Coursework emphasizes observing and analyzing complex conversations and applying dialogue strategies to real-world topics in academic and community contexts. Students practice facilitating and participating in discussions that model clarity, openness, and accountability. The course culminates in a presentation that demonstrates students' ability to listen critically, ask purposeful questions, and engage productively across differing perspectives.

Shakespeare and Our World^{KC}**U2635***Full year, repeatable — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

See English under the Academics section for course description.

Directed Study: Slam! Spoken-Word Poetry^{KC}**U2640***Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle*

See English under the Academics section for course description.

Graphic Design through the Medium of Merch I^{KC}**U0630***Full year—Grades 10, 11, and 12—Meets 3 blocks per cycle*

See Visual Arts under the Arts section for course description.

Directed Study: Natural Disasters^{KC}**U5817***Full year—Grades 10, 11, and 12—Meets twice per cycle*

See Science under the Academics section for course description.

Directed Study: Bioethics^{KC}**U5820***Full year—Grades 10, 11, and 12—Meets twice per cycle*

See Science under the Academics section for course description.

Interdisciplinary Classical Studies**U7006***Full year—Grades 10, 11, and 12—Meets 3 blocks per cycle*

This course uses an interdisciplinary approach to investigate two aspects of the ancient world and their relevance to modern times. First semester, students explore the complex roles myths and legends have played in ancient societies. They examine these tales not only within their social, cultural, and religious contexts but also through the theories of modern scholars who have attempted to decode their meaning. Students are encouraged to appreciate the artistic impact of these tales on the modern world while seeing the relevance of these stories on their own lives. Second semester, students take an in-depth look at the culture and society of Athens, Greece, during the fifth century B.C.E., when numerous ideas that influenced the modern concepts of democracy, drama, history, and philosophy were born. Using a variety of primary sources, students examine the cultural, political, and social structures of the period and how those structures have influenced the modern world.

Directed Study: Public Education in America—Ideal to Reality**U7017***Full year — Grades 10, 11, and 12 — Meets twice per cycle*

In 1837, Horace Mann became the first secretary of the newly created Massachusetts Board of Education. Mann believed that a nonsectarian “common school” system, in which every student had the opportunity to be educated at local taxpayer expense, was key to the success of democracy. His ideas became the basis for the country’s public school system. Since then, the public system has struggled to educate all children equally. How do class, race, geography, and politics factor into the kind of education that children receive? This course examines issues surrounding public school systems in the United States, such as funding, segregation, the charter school movement, teachers’ unions, and various government efforts that have attempted to improve the nation’s schools.

China Studies: Past, Present, Future**U7034***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Through this course, students develop a foundation for understanding modern China politically, culturally, and socially. Analyzing traditions, such as saving face, “eating bitterness,” and filial piety, enables students to contextualize trends in China’s foreign policies, domestic development, and current affairs. Through primary sources and case studies, the foundations that have shaped modern China, including the legend of Mulan and Confucianism, are examined. Ethnic minorities in modern China, the art and literature of ancient China, the Wuxia genre, the Cultural Revolution, United States–China relations, and regional conflicts with Hong Kong and Taiwan are among the topics covered. Gaining appreciation for the differences between Chinese and Western cultures advances students’ understanding of identity. Student work includes group presentations, in-class discussions, conversations with guest speakers, and building a learning portfolio. No prior Chinese language study is required.

Latin America Studies**U7036***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

American society is increasingly intertwined with the whole of the global community, but Latin America holds special significance to understanding local and national issues and circumstances. Its connection to economic and political matters and its social and cultural influence on the United States should lead to a more considered understanding of this neighboring region. For the purposes of the course, “Latin America” is defined as Mexico, Central America, and South America. Students examine the historical, cultural, and societal facets of Latin American countries and peoples, searching for both unique identities and common connections. They then assess the manner in which those identities and connections play out in relation to local and national circumstances. This interdisciplinary course includes literature, music, art, film, articles from various media, guest educators, and local field trips. Students participate in journal work, in-class discussions and presentations, and individual and collaborative projects.

Honors Black Studies**U7037***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This rigorous interdisciplinary course challenges motivated students of all backgrounds. Learning is centered on research, independent and collaborative work, presentations, and daily accountability through class discussion, and there are regular opportunities for students to apply course concepts through critical analysis and dialogue. The course examines black history, culture, thought, mobility, and impact through the study of literature, film, music, and scholarship and emphasizes analysis of cultural and historical texts and sustained engagement with social, political, and economic questions, including the complex interplay between capitalism, democracy, freedom, inequality, and opportunity. Using a reverse chronological framework, students explore topics such as Afrofuturism, hip hop, gentrification and urban renewal, and the Great Migration to analyze how historical forces shaped contemporary black life in the United States and beyond. Students investigate how gender, class, and migration inform diverse black experiences across time and place.

Gender Studies: From Sappho to #MeToo**U7050***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course traces a history of women, sexuality, and gender from ancient to modern times. It focuses on feminism and gender issues from the twentieth century to the present and introduces key concepts in the study of sex and gender. The course is rooted in discussion and explores these concepts through a variety of media. Much of the content is driven by student interests and concerns. Students complete a research project presented in a form of their choice. They also prepare an independent project in lieu of a final examination.

Entrepreneurial Thinking**U7053***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course, ideal for students interested in solving problems and creating change, helps build the skills and mindsets needed to drive positive impact through entrepreneurship. Students learn to identify problems, generate insights, and design solutions using tools such as observation, problem analysis, market research, rapid prototyping, and teamwork. Case studies, guided workshops, and hands-on projects based on their own initiatives teach students how to become change agents by turning ideas into actions that make a real difference.

World Religions**U7065***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course explores the beliefs, practices, and historical development of major world religions, including Buddhism, Christianity, Confucianism, Daoism, Hinduism, Islam, Judaism, and other traditions. Using Huston Smith's *The World's Religions* as a foundation, students examine each religion's core teachings, sacred texts, rituals, and social influence through readings, discussions, and projects. Students analyze the role of religion in society and its intersections with human rights, peace, and justice. The course distinguishes between doctrines and diverse expressions of faith, from service and philanthropy to misuses like extremism and political ambition. Students develop religious literacy by considering global perspectives on community, ethics, faith, and the meaning of life while learning to approach different traditions with respect, empathy, and openness.

Unconventional Leadership

U7075

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Students develop leadership skills as well as an understanding of the nature of innovation. Two texts, Peter G. Northouse's *Leadership: Theory and Practice* and Joseph C. Rost's *Leadership for the Twenty-First Century*, serve as springboards for challenging conventional narratives about leadership. Through the lens of multiple disciplines, leadership is examined via works by Sir Arthur Conan Doyle, Thomas L. Friedman, Malcolm Gladwell, Steve Jobs, and Michael Lewis. Students are exposed to the nature of leadership through in-class activities ranging from simulations and guest lectures to improvisational comedy workshops, role plays, and public-speaking exercises. Students are assessed on the synthesis, evaluation, and application of course materials. In general, this course teaches students to focus more on questions of "How?" and "Why?" rather than on "What?" Assessments include written tests, frequent class presentations, group projects, and public-engagement work such as opinion-editorial articles and partnerships with local nonprofit organizations.

Honors Middle East Studies

U7360

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Students examine the emergence of the Middle East from imperialism to the current upheavals in the region and focus on topics such as Arab-identity politics, Islamic fundamentalism, the Arab-Israeli conflict, and the impact of Western policies. Students focus on the twentieth-century experience and assess the region's developments from political, economic, cultural, and ideological perspectives. Whirlwind events following the tragedy of 9/11 conclude the analysis. The Fertile Crescent, Anatolia, the Arabian Peninsula, the Persian Gulf, and North Africa serve as the geographic backdrop, while an appreciation of how the monotheistic faiths of Judaism, Christianity, and Islam have shaped the region are interwoven into this area-studies discourse. Readings include popular and scholarly historical surveys, selections from literary works, primary-source documents, and newspaper editorials.

Directed Study: Human-Interest Journalism**U7046***Repeatable semesters — Grades 10, 11, and 12 — Meets twice per cycle*

Students produce human-interest stories and interviews for *HWLife* magazine and other professional Harvard-Westlake print and digital communications. This course provides real-world experience for students who want to write visually engaging stories and marketing communications rather than hard news. Students gain practical storytelling skills, including how to brainstorm story ideas, create a table of contents, develop a creative brief, research, interview, schedule, fact-check, think visually, source images, write and edit content, and give and receive feedback.

Directed Study: 9/11 + 25 Years**U7018***First semester — Grades 10, 11, and 12 — Meets twice per cycle*

This one-time offering provides students with the opportunity to connect during a milestone anniversary with what is perhaps the pivotal event of the twenty-first century. Using an interdisciplinary approach, students explore the lead-up to and the events and aftermath of 9/11, focusing on the impact on foreign and domestic policy, cultural relations, and the role and practices of the media and in the arts. Drawing on first-person accounts provided by guests and input from experts and employing varied forms of reflective media and art, students engage in an in-depth study that goes beyond history and political science to understanding the far-reaching ways a major moment radiates through society.

Directed Study: Corporate and Personal Finance**U7066***First semester — Grades 10, 11, and 12 — Meets twice per cycle***Directed Study: Global Financial Systems****U7067***Second semester — Grades 10, 11, and 12 — Meets twice per cycle*

These courses explore historical, economic, and mathematical aspects of finance and current events. Topics in Corporate and Personal Finance include the function of financial instruments, like stocks and bonds; basic corporate accounting, financial analysis, and valuation; business capitalization and the typical fundraising lifecycle; personal bank accounts and retirement accounts; investing; mortgages; and cryptocurrencies. Global Financial Systems focuses on concepts such as the components and purpose of the banking system; the role of a national central bank; the US Federal Reserve System; monetary public policy; inflation; and interest rates. Students complete a semester-long project, either developed with the instructors' guidance or chosen from several options that include an investment portfolio competition, an electronic trading computer programming competition, or a research project and essay. Both courses are open to all students, can be taken in either order or singly, and require only simple arithmetic and algebra when covering the more quantitative aspects of finance.

Directed Study: Ethics, Artificial Intelligence, and Society
Second semester — Grades 10, 11, and 12 — Meets twice per cycle

U7041

This course explores the intersection of ethics, technology, and society in an age of artificial intelligence (AI). Because coding is not required, the course is open to all students regardless of their experience with computer programming. Students examine the complex ethical challenges and societal implications that arise from rapid advancements in AI technologies.

HW Media II

U7296

Full year — Grade 11 — Meets 3 blocks per cycle

Students write, produce, and promote news, feature, sports, and opinion stories for the *Chronicle* and yearbook, magazines, and other Harvard-Westlake media outlets and serve in a leadership role as part of a peer-editing and production team for one or more student media products. Options range from serving as a section or managing editor to business manager or as an editor-in-chief over a full staff. Students work to create a sense of community, foster the development of good journalistic principles, help each other and their peers in the selection of story ideas, conduct primary research, and serve as writing coaches. Participation in activities and projects outside of class is expected.

Prerequisite: HW Media I.

Graphic Design through the Medium of Merch II^{KC}

U0631

Full year, repeatable — Grades 11 and 12 — Meets 3 blocks per cycle

See Visual Arts under the Arts section for course description.

Honors Latin Literature II^{KC}

U3376

Full year — Grades 11 and 12 — Meets 3 blocks per cycle

See World Languages under the Academics section for course description.

Honors Spanish Seminar: History of Spain and Latin America^{KC}

U3586

Full year — Grades 11 and 12 — Meets 3 blocks per cycle

See World Languages under the Academics section for course description.

Honors Art History^{KC}

U6490

Full year — Grades 11 and 12 — Meets 3 blocks per cycle

See History and Social Studies under the Academics section for course description.

Honors Urban and Ethnic Studies^{KC}**U6526***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

See History and Social Studies under the Academics section for course description.

The Science of Psychology**U7021***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course offers a comprehensive overview of the major topics in psychology: developmental principles, physiological psychology, learning and memory, personality development, emotion and cognition, abnormal psychology, and social psychology. A capstone project is the focus of the final month.

Criminal Law: Current Events and Public Advocacy**U7025***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course addresses overarching issues in criminal law, including origins of the Anglo-American system, fundamental constitutional protections (proof beyond a reasonable doubt, right to a trial by a jury of peers, protection against unreasonable searches and seizures, right of habeas corpus, right against self-incrimination, right to confront witnesses, and due process), criminal responsibility (diminished capacity, the insanity defense, and duress), and proof (reliability of eyewitness evidence and confessions and the role of expert and forensic evidence). The course includes a field trip to observe a criminal trial. Topics are addressed through mock-trial simulations, readings and media materials, guest speakers, and a required original research project.

Cinema Studies I**U7058***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Designed for film appreciation, criticism, and analysis, students in this course learn the art of “reading” film. Students are taken step-by-step through the vocabulary of film with the goal of gaining a command of “the grammar of film” and an understanding of how filmmakers tell their stories. Over the course of the year, students become fluent in the building-blocks of film: literary design, performance, visual design, composition, temporal design, and sound design. The goal is to gain an appreciation for how each of these elements is integral to the emotional impact of film. Students watch movies in their entirety during class and then engage in student-driven discussion of the artistic methods employed in the film. Movies span the entire history of motion pictures and represent diverse genres, filmmakers, and styles.

Directed Study: Quantum Computing and Other Advanced Technologies

U7069

Identical semesters — Grades 11 and 12 — Meets twice per cycle

This course introduces the principles underlying quantum technologies, including quantum superposition, the qubit, and quantum cryptography. Students explore both the scientific and societal dimensions of these technologies. Approximately half the course is devoted to a research project that investigates a related technology. Projects examine technological limitations or broader implications such as bias, access, cultural context, or ethical concerns. Through this work, students engage critically with both the science and its impact.

Directed Study: American Playwrights^{KC}

U1055

Second semester, repeatable — Grades 11 and 12 — Meets twice per cycle

See Performing Arts under the Arts section for course description.

Business: A Metacognitive Approach

U7005

Full year — Grade 12 — Meets 3 blocks per cycle

In this course, students extract core concepts from their other studies and employ them to discover the forces that drive careers, commerce, and human economic behavior. Working in small teams, they tackle problems and scenarios that introduce them to economics, finance, insurance, accounting, negotiation, social equity, strategy, and entrepreneurship. Through this shared guided experience, they gain a deeper understanding of prior learning and develop a metacognitive mindset, one that will serve them well in college and beyond. Even more importantly, team and class collaborations provide a hands-on laboratory for wrestling with teamwork, management, and leadership skills. Visiting alumni “sages” reinforce the character issues that emerge, from initiative and courage to ethics and a service mentality. Along the way, students are challenged to consider their life paths, learning more about the diversity of opportunities ahead and thinking about what “success” means to them.

Cinema Studies II**U7059***Full year — Grade 12 — Meets 3 blocks per cycle*

This course evaluates the cultural significance and artistic merits of international cinemas as well as current trends in American films. In the first semester, students analyze the influence of Hollywood and how countries develop a national voice by examining the French New Wave; Japanese cinema and the films of Akira Kurosawa and Yasujirō Ozu; Mexican cinema and the films of Alfonso Cuarón, Alejandro González Iñárritu, and Guillermo del Toro; and Indian cinema, including Bengali and Bollywood movies. They also study pan-European films responding to the Holocaust and World War II. In the second semester, students investigate ongoing trends in contemporary American cinema from the last ten years. Students view movies in class, write responses, and participate in class conversations.

Prerequisite: Cinema Studies I.

HW Media III**U7297***Full year — Grade 12 — Meets 3 blocks per cycle*

Students write, produce, and promote news, feature, sports, and opinion stories for the *Chronicle* and yearbook, magazines, and other Harvard-Westlake media outlets and serve in a leadership role in charge of a peer-editing and production team for one or more student media products. Options range from serving as a section or managing editor to business manager or as an editor-in-chief over a full staff. Students work to create a sense of community, foster the development of good journalistic principles, help each other and their peers in the selection of story ideas, conduct primary research, and serve as writing coaches. They demonstrate mastery of all media reporting and writing principles as well as print, digital, and mobile package planning and execution. Participation in activities and projects outside of class is expected.

Prerequisite: HW Media II.

SENIOR INDEPENDENT STUDY

The independent study program is only available to students in the twelfth grade. It offers an opportunity for a senior to develop a tutorial course in either semester of the senior year. Application for an independent study does not guarantee its approval. The applicant must be in good academic standing and have demonstrated self-discipline, independence of mind, and self-motivation.

An independent study may be on any topic not wholly unrelated to subject matter taught in courses or activities at the school and may involve any of a wide range of learning activities, but it must have, at a minimum, the following attributes:

- It must involve a substantial intellectual effort by the student.
- It must be judged by the student and faculty advisor as central to the student's intellectual development.
- It must result in a product that can be clearly specified by the student in advance and subsequently evaluated by the faculty member supervising the project.
- It must involve a clearly reasoned set of learning activities or steps that can be monitored as the project unfolds.
- It must culminate in time to be graded by the supervising faculty member before the end of the relevant semester.

LIBRARY AND INFORMATION LITERACY

The Library and Information Literacy department fosters the personal and academic resourcefulness students need to succeed at Harvard-Westlake and beyond. Through classroom teaching and one-on-one instruction, students learn how to acquire, analyze, organize, and use information in current contexts. With print and digital collections that support the curriculum across all departments, librarians teach formal research skills as well as skills needed for self-directed reading and inquiry. The librarians work collaboratively with academic departments to ensure that the skills taught are relevant and reinforced across grade levels.

All students must take Knowledge Integration and Tools for Success in the seventh grade.

Knowledge Integration and Tools for Success

M7900

Identical semesters — Grade 7 — Meets 5 blocks per cycle

This course develops students' research abilities, media literacy, and self-management skills. Students explore learning outcomes focused on inquiry, technology, and personal development while they demonstrate curiosity and practice skills to succeed at Harvard-Westlake, college, and beyond. Through problem solving, critical thinking, and research into real-world topics, students learn how to self-manage, relate to others, and learn effectively; acquire, organize, and store information; evaluate legitimacy and usefulness of sources; practice ethical digital citizenship; and responsibly take part in the ongoing conversation that is research.

MATHEMATICS

The Mathematics department provides a challenging and diverse six-year college preparatory program for students at different stages of development, accommodating differing ability levels and interests. The curriculum has the breadth and depth to provide the mathematical tools for success in a changing society. The program is designed to develop students who:

- have good number sense and reasoning ability;
- know how to use the technological tools associated with mathematical thinking in varied real-life situations;
- are able to communicate in the language of mathematics;
- are creative problem solvers willing to take risks, try alternative approaches when first attempts fail, and persevere until the solution is found;
- work successfully in individual and cooperative situations;
- appreciate and embrace mathematical thinking as part of a complete intellectual life.

Mathematics department offerings include elective courses in computer science and economics. Computer science electives are available beginning in the eighth grade but must be taken in addition to the mathematics courses required through eleventh grade.

The sequence of courses is as follows:

Prealgebra > Algebra I > Geometry > Algebra II > Precalculus > Calculus* > Post Calculus*

To see a visual representation that includes the different tracks that all follow this sequence, visit the Mathematics department website and click on the link to the Math Course Flowchart.

Placement tests are given to students new to Harvard-Westlake to determine the track for which they qualify. Students may not replace a course in the mathematics sequence with a course taken over the summer or elsewhere unless:

1. the student is a rising ninth grader who has earned an A in Advanced Algebra I and received permission from the middle school Mathematics department chair to take Geometry over the summer.
2. the student is a rising tenth grader who has not yet taken Geometry.

*Courses offered only on the upper school campus.

In both of these cases, Geometry is the only class that can be taken over the summer to advance in the sequence.

Beginning with the study of Algebra I, the mathematics curriculum consists of three tracks: core, advanced, and honors. Courses at the core level cover fundamental concepts of the subject. Courses at the advanced level add extension material. Honors-level courses cover the material at a faster pace and are even more rigorous than advanced-level courses.

Students who earn an A year-end grade in their core- or advanced-track course are eligible to move to the advanced or honors track. Middle school students need their teacher's permission to move up the following year. Upper school students are encouraged to either complete a Harvard-Westlake summer school course or a packet of independent work provided by the Mathematics department and are required to pass a placement test. The final determination regarding advancement is made by the department head.

Students in the advanced and honors tracks must earn a grade of B or higher in their current course to remain in those tracks. Students not meeting this requirement must change tracks. Upper school students have the option to take a placement test to remain in their track.

All students must complete a full year of study in Mathematics each year through eleventh grade and are strongly encouraged to continue through the senior year.

MATHEMATICS

Prealgebra

M4000

Full year — Grade 7 — Meets 5 blocks per cycle

This course reviews and extends the mathematical concepts necessary for algebra. Students investigate, discover, and apply mathematics using a variety of real-world situations. Topics include exponents, geometry, graphing, integers, linear equations, percentages, probability, proportion, ratio, rational numbers, and statistics. Problem-solving techniques, cooperative learning, mental mathematics, mathematical modeling, and critical-thinking skills are emphasized through the use of manipulatives, computer software, and calculators.

Advanced Prealgebra**M4005***Full year – Grade 7 – Meets 5 blocks per cycle*

This course reviews and extends mathematical concepts necessary for algebra, including integers, rational numbers, exponents, algebraic equations, ratios, proportions, percentages, geometry, graphing, and probability. Students also start the study of formal algebra with a robust introduction to systems of linear equations, rules for exponents, and polynomials. While the course uses many of the same strategies as Prealgebra, such as problem-solving techniques, cooperative learning, mental mathematics, mathematical modeling, and critical-thinking skills, the content is more rigorous and presented at a faster pace.

Prerequisite: Placement test.

Honors Algebra I**M4103***Full year – Grade 7 – Meets 5 blocks per cycle*

This fast-paced course challenges students to develop traditional first-year algebra skills and apply them to complex problems. Students must have a thorough knowledge of prealgebra and be able to work at an accelerated pace. Nonroutine problems and special investigations give students the opportunity to think critically and use the problem-solving strategies they learn in class. Nightly homework follows the forty-minute standard for eighth-grade courses.

Prerequisite: Placement test.

Advanced Algebra I**M4120***Full year – Grade 8 – Meets 5 blocks per cycle*

This fast-paced course, designed for students with a mastery of prealgebra skills, investigates traditional algebraic concepts using a variety of problem-solving strategies. Students must develop skills quickly and then apply them to complex problems. Students are expected to become proficient in the mechanics of a given topic and in its application to word problems. Competency in solving, writing, and graphing linear equations, inequalities, and systems as well as in solving and graphing quadratic equations is expected. Other topics include radicals, exponents, and rational expressions.

Prerequisite: Honors Algebra I or B in Advanced Prealgebra and permission of current instructor.

Algebra I**M4110***Full year — Grades 8 and 9 — Meets 5 blocks per cycle*

This course investigates traditional algebraic concepts using a variety of problem-solving strategies. Connections between algebra and real-world situations are emphasized. Students are expected to become proficient at solving, writing, and graphing linear equations, inequalities, and systems as well as in solving and graphing quadratic equations. Other topics include radicals and exponents.

Prerequisite: Prealgebra or Advanced Prealgebra.

Advanced Geometry**M4210***Full year — Grades 8 and 9 — Meets 5 blocks per cycle*

This fast-paced, proof-based logic course concentrates on the study of Euclidean geometry while incorporating sophisticated algebraic techniques. Geometric concepts include congruent triangles, parallel lines, quadrilaterals, circles, similar figures, the Pythagorean theorem, perimeter, area, volume, regular polygons, and right-triangle trigonometry. Algebraic methods include solving quadratic equations, solving systems of equations, and simplifying radicals as they relate to geometry problems. Students use theorems and definitions to write proofs and solve practical application problems. The underlying theme of the course is the solution of problems by creating logical, well-supported explanations.

Prerequisite: Advanced Algebra I or Honors Algebra I and permission of current instructor.

Honors Geometry**M4220***Full year — Grades 8 and 9 — Meets 5 blocks per cycle*

This course provides a study of Euclidean geometry and an introduction to transformational, coordinate, and three-dimensional geometries. It covers the same topics as Advanced Geometry but is more fast-paced and challenges students to interpret complex written problems and write well-supported solutions to those problems and rigorous proofs. Computer and/or other hands-on laboratory activities may be used to explore and discover geometric concepts.

Prerequisite: Advanced Algebra I or Honors Algebra I and permission of current instructor.

Geometry M4200

Full year – Grade 9 – Meets 5 blocks per cycle

Geometry U4400

Full year – Grade 10 – Meets 3 blocks per cycle

This course concentrates on Euclidean geometry while maintaining algebraic skills. Topics include congruent triangles, parallel lines, quadrilaterals and other polygons, the Pythagorean theorem, similar figures, circles, area, volume, coordinate geometry, and an introduction to right-triangle trigonometry. Students develop deductive reasoning skills through the use of proofs.

Prerequisite: Algebra I or Advanced Algebra I.

Advanced Algebra II M4125

Full year – Grade 9 – Meets 5 blocks per cycle

Advanced Algebra II U4425

Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle

This course reinforces and extends Algebra I concepts, including linear and quadratic equations, radicals, exponents, and rational expressions. The emphasis, however, moves from mechanics to analysis and focuses on functions, graphing, and applications. New concepts introduced include complex numbers, generalized polynomial functions, exponential and logarithmic functions, and, briefly, unit circle trigonometry. Graphing calculators are used to reinforce students' understanding of both new and formerly introduced concepts.

Prerequisite: Honors Geometry or B in Advanced Geometry.

Honors Algebra II M4140

Full year – Grade 9 – Meets 5 blocks per cycle

Honors Algebra II U4430

Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle

This course provides a study of second-year algebra with greater breadth, depth, and rigor than Advanced Algebra II. Topics include polynomial equations and inequalities; functions and their inverses; linear, quadratic, polynomial, and rational functions and their graphs; logarithmic and exponential functions; sequences and series; conics; and systems of equations, including matrix solutions. Graphing calculators are used to reinforce students' understanding of concepts. Middle school students enrolled in this course adhere to upper school homework guidelines.

Prerequisite: B in Honors Geometry.

Honors Precalculus**M4300***Full year — Grade 9 — Meets 5 blocks per cycle***Honors Precalculus****U4450***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course is open to students with exceptional algebra and geometry skills who show creativity in solving problems, enjoy mathematics, and are interested in exploring the subject in depth. Students study polynomial, rational, exponential, logarithmic, and trigonometric functions. Other topics include De Moivre's theorem, sequences and series, analytic geometry, conic sections, parametric and polar equations, and matrices and determinants. Graphing calculators help extend each student's ability to explore and to do more interesting and difficult problems. Middle school students enrolled in this course adhere to upper school homework guidelines.

Prerequisite: B in Honors Algebra II

Algebra II**U4420***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course reviews and extends the concepts covered in the first year of algebra and geometry. Increasingly advanced algebraic skills are developed through the integration of principles introduced in those courses. Students solve a wide variety of equations and approach problems using different methods. They solve linear and nonlinear systems using algebraic and graphical methods. Topics include linear and quadratic equations; polynomial, exponential, logarithmic, and introductory rational functions; and analyses of sequences and series.

Prerequisite: Geometry or Advanced Geometry.

Precalculus**U4500***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course introduces the study of trigonometric functions using both right-triangle and circular-function approaches. Trigonometric graphs and identities are examined as tools for solving trigonometric equations. The progression of skills taught in algebra and geometry is continued with topics including polynomial, exponential, rational, and logarithmic functions. Graphing techniques of translations, reflections, and scale changes are studied with respect to fundamental functions. The goal of this course is to prepare students for first-year college-level work in mathematics.

Prerequisite: Algebra II or higher.

Advanced Precalculus**U4510***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Topics covered in this course include the properties of the real number system, the theory of equations, coordinate geometry, relations, functions and their graphs, exponential and logarithmic functions, circular and trigonometric functions, sequences and series, and conic sections. The calculus ideas of limits and slopes of curves are introduced. The graphing calculator is used extensively throughout the course.

Prerequisite: Honors Algebra II or B in Advanced Algebra II.

Honors Calculus I**U4531***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Topics covered in this college-level course include the algebra of functions and advanced graphing techniques, limits and continuity, the derivative and its applications, techniques of differentiation for the elementary functions, area under a curve, integrals and their applications, and the fundamental theorem of calculus. Concepts are presented on an intuitive level without rigorous proof. A graphing calculator is used throughout the year. Tests and quizzes rely heavily on problem-solving ability; graded problems are not always exactly like homework or in-class problems. Students are expected to apply general concepts in new situations.

Prerequisite: B in Advanced Precalculus or Calculus I.

Honors Calculus II**U4532***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

After reviewing material covered in the prerequisite courses, students learn a precise definition of limits, numerical methods of integration, advanced integration techniques, analysis of parametric and polar curves, improper integrals, vector-valued functions, infinite series, and elementary differential equations. Additional numerical and calculator methods, including slope fields and Euler's method, are introduced. Tests and quizzes rely heavily on problem-solving ability; graded problems are not always exactly like homework or in-class problems. Students are expected to apply general concepts in new situations. The approach is more mathematically rigorous and includes more proof than in Honors Calculus I.

Prerequisite: B in AP Calculus AB or Honors Calculus I.

Honors Calculus I and II**U4533***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

Topics covered in this college-level course include the precise definition of limits and continuity, the derivative, techniques of differentiation for the elementary functions, application of the derivative, area under a curve, integrals and the fundamental theorem, numerical methods of integration, integration techniques and applications, analysis of parametric and polar curves, improper integrals, vector-valued functions, infinite series, and elementary differential equations. Students must know the language of functions and be familiar with the properties, algebra, and graphs of functions.

Prerequisite: B in Honors Precalculus.

Calculus and Statistics**U4605***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course introduces students to branches of mathematics that may be studied further in college. The essential themes of calculus (the limit, derivative, and integral) are introduced conceptually and reinforced through discussions, graphical analysis, and real-world problems. Sequences and series are examined algebraically and with spreadsheets. Statistical topics include describing and comparing data, sampling and experimental design, confidence intervals, probability, and normal and binomial distributions.

Prerequisite: Precalculus or Advanced Precalculus.

Linear Algebra**U4650***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course is for students who have demonstrated ability and interest in studying mathematics beyond the level of calculus. Topics include set theory, vector spaces, basis and dimension, matrix arithmetic, eigenvalues and vectors, and diagonalization. Jordan canonical form, graph theory, and Markov processes may also be covered. The focus is on exposing students to a foundational branch of mathematics while developing their ability to think and communicate mathematical ideas at the advanced level. Students learn to write proofs and are expected to become familiar with LaTeX, an industry-standard document-preparation system for high-quality typesetting. The majority of class time is spent in discussion and working with peers and the instructor.

Prerequisite: B in AP Calculus BC, AP Calculus C, Honors Calculus I and II, or Honors Calculus II.

Calculus I**U4524***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

Students in this course develop fluency with key concepts in calculus, including limits and continuity, derivatives and rates of change, and integration and accumulation of change. Topics cover using limits to define continuity, determine the instantaneous rate of change of a function, and evaluate the area under a graph. Students develop strategies for modeling problems involving related rates and optimization and solve volume problems using cross sections. The course also introduces differential equations and slope fields as tools for modeling solutions. Students collaborate regularly and demonstrate understanding through traditional assessments and projects. In addition, students use computers and graphing calculators to solve problems that require computational or numerical methods.

Prerequisite: C in Advanced Precalculus or B in Precalculus.

Multivariable Calculus**U4540***Full year – Grade 12 – Meets 3 blocks per cycle*

This course offers an in-depth study of the techniques and applications of calculus in higher dimensions. It covers in detail all of the topics traditionally covered in a college-level calculus course: differentiation of vector-valued functions, optimization, integration on manifolds, Stokes' theorem, and the divergence theorem. Knowledge of these topics is necessary for students who plan on majoring in mathematics, physics, engineering, economics, statistics, or computer science.

Prerequisite: B in AP Calculus BC, AP Calculus C, Honors Calculus I and II, or Honors Calculus II.

Honors Statistics**U4611***Full year – Grade 12 – Meets 3 blocks per cycle*

This course prepares students to master the theory and practice of four broad themes in statistics: describing data (exploratory data analysis), collecting data (sampling, experimental design, sampling design), understanding random behavior (constructing simulations, probability), and making conclusions from data (inference). Students collaboratively analyze case studies, design and implement statistical experiments, and learn to identify the necessary conditions and mechanics for hypothesis testing. They also gain proficiency with statistical software.

Prerequisite: Advanced Precalculus, Calculus and Statistics, or A in Precalculus.

COMPUTER SCIENCE

Introduction to Programming I

M7100

Identical quarters — Grades 8 and 9 — Meets 5 blocks per cycle

This course introduces students to programming fundamentals in Python. Topics include input/output, variables, conditionals, and loops. Students gain experience designing solutions, testing them, and troubleshooting errors. A primary goal is for students to develop a foundation they can apply to the study of any programming language. Programming involves mathematical and logical reasoning; therefore, successful completion of, or concurrent enrollment in, Advanced Algebra I or higher is recommended.

Introduction to Programming II

M7110

Identical semesters — Grade 9 — Meets 5 blocks per cycle

This course introduces students to more programming fundamentals in Python. Topics include top-down design, functions/methods, objects, classes, and inheritance. Students gain experience designing solutions, testing them, and troubleshooting errors. A primary goal is for students to develop a foundation they can apply to the study of any programming language. Programming involves mathematical and logical reasoning; therefore, successful completion of Advanced Algebra I or higher is recommended.

Prerequisite: Introduction to Programming I.

Advanced Computer Science

U4704

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

This course introduces the fundamentals of computer science. Students learn the guiding principles of object-oriented software design and programming in Java. They apply concepts such as abstraction, encapsulation, inheritance, and arrays to solve problems. Topics include algorithm design, writing classes, programming principles, class hierarchy, inheritance, and interfaces. Material is introduced in presentations that are reinforced through homework. Students are assigned laboratory exercises to develop their ability to create solutions to problems in realistic situations. While there is no prerequisite, a solid foundation in mathematical reasoning and prior programming experience are recommended, and priority is given to students who have taken Introduction to Programming I and II or Introduction to Computer Science.

Introduction to Computer Science**U4754***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course designed for students new to programming introduces the basics of computer science through a project-based approach. Among the concepts students initially explore are loops, classes, and data structures. This is followed by an investigation into the object-oriented programming paradigm.

Honors Design and Data Structures**U4715***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Students extend skills learned in the prerequisite course through an investigation of abstract data structures and practical program design. The Java programming language is used, but the course stresses universal programming concepts that can be applied to most languages. The course covers implementations and performance analyses of arrays, lists, stacks, queues, trees, heaps, maps, and graphs, including Java's implementation through the Java collections framework. Practical skills, such as basic graphical user interfaces and I/O, complement these theoretical topics. Critical programming concepts such as abstraction, encapsulation, inheritance, polymorphism, and top-down design are reinforced as students create complete executable programs from start to finish. Students choose the proper data structures to create solutions to tasks such as spell-checking, lossless data compression, and Markov chain-based text generation.

Prerequisite: Advanced Computer Science.

Honors Topics in Computer Science**U4720***Full year — Grade 12 — Meets 3 blocks per cycle*

This course extends students' knowledge of computer science and advanced topics such as decentralized programming, cryptocurrency, design of and ethics in artificial intelligence, and web development. Creating practical applications allows students to develop the skills and discipline necessary to program for industry. Coding in teams in Solidity, JavaScript, Assembly, and Python, they are given the opportunity to realize their potential and become technical directors of large projects. Students are evaluated on their design, technical communication, and coding mechanics and utility. Topics may change depending on the interests of the class and advances in computer science.

Prerequisite: Honors Design and Data Structures.

ECONOMICS

Economics

U4675

Full year — Grade 12 — Meets 3 blocks per cycle

This course emphasizes the philosophy, development, and operation of market-based economic systems and their impact on individuals and society. Students learn about inflation, unemployment, and national output. They explore government options to address contemporary economic problems through fiscal and monetary policy. Through simulations and project-based learning, students learn how markets operate to allocate scarce resources to meet the unlimited needs and wants of society. The course also demonstrates how economic forces affect our lives and introduces students to financial decision making, including budgeting, banking, saving, and investing. Lastly, students analyze issues of international trade and explain how the United States economy affects—and is affected by—economic forces beyond its borders. Course grades are determined by contributions to group projects, class participation, research papers, and traditional assessments.

Honors Economics

U4681

Full year — Grade 12 — Meets 3 blocks per cycle

This course introduces students to the principles of micro- and macroeconomics. Emphasis is placed on mathematical modeling and quantitative analysis. The microeconomic portion of the course focuses on the pervasive problem of scarcity and how individual choices, incentives, and systems of prices affect the allocation of limited resources among competing uses. This includes an analysis of the effect of competition, cartels, monopolies, and government regulation on resource allocation and human welfare. The macroeconomic portion of this course is an introductory study of the domestic and international factors affecting national income, inflation, and unemployment. Among these factors, the role of money and government taxation and expenditure policy are emphasized. Concurrent enrollment in Calculus I or an Honors Calculus course is encouraged.

Prerequisite: Honors Precalculus, Advanced Precalculus, or A in Precalculus.

SCIENCE

Science is the body of knowledge and process by which we seek to understand the natural world. The Science department strives to empower students to seek that understanding by:

- providing the background and skills to become scientifically literate;
- actively involving them in problem solving, qualitative and quantitative analyses, and verbal and written communication;
- helping them develop the skills to engage in science as a process in the laboratory and field.

The Science curriculum is a continuous, progressive six-year program. In the seventh through tenth grades, students take two years of integrated (physical) science followed by a year of biology and then a year of chemistry. During the junior and senior years, students take advanced coursework and electives in subject areas of their choosing. The department offers a range of courses in biology, chemistry, earth and space science, physics, and multidisciplinary sciences. The laboratory experience is an integral component of the Science curriculum and is emphasized throughout the six-year program.

Students must complete a full year of study in Science each year through the tenth grade and take at least one additional full-year laboratory science course in either the eleventh or twelfth grade.

INTEGRATED SCIENCE

Integrated Science I

M5000

Full year – Grade 7 – Meets 5 blocks per cycle

This laboratory course introduces physical and Earth science concepts through independent and collaborative work. During experiments and other activities, students learn to gather data, interpret results, apply mathematical and computational skills, construct arguments from evidence, and communicate findings. Students spend time learning about natural phenomena, solving problems, performing hands-on laboratory work, and participating in small- and large-group discussions. The course helps students develop scientific and critical thinking and provides a foundational skill set for further scientific study.

Integrated Science II**M5100***Full year — Grade 8 — Meets 5 blocks per cycle*

Building on the laboratory and problem-solving skills introduced in seventh grade, this course presents chemical and physical processes and how they apply to observable phenomena through laboratory investigation, class discussions, independent reading, and both individual and group projects. Students learn to organize and process laboratory data to synthesize a deeper understanding of the principles that guide the natural world. The central theme of the course is energy. Topics include energy in chemical reactions, heat, power sources, energy transport through waves, and mechanical energy.

BIOLOGY**Biology****M5200***Full year — Grade 9 — Meets 5 blocks per cycle*

This course is a laboratory-based overview of the fundamentals of biology. Students learn about genetics, the structure and biochemical processes of the cell, ecology, evolutionary trends within and among the various kingdoms, and human-systems physiology. Students improve upon the laboratory skills acquired during Integrated Science I and II as they continue to collect and analyze data. Students gain proficiency with a microscope and are introduced to techniques of dissecting specimens and performing physiological experiments. The course helps students make informed decisions regarding the biological issues that society faces.

Honors Biology**M5210***Full year — Grade 9 — Meets 5 blocks per cycle*

This course covers similar skills and topics as those taught in Biology, but at a faster pace, in greater detail, and with an emphasis on the molecular approach to biology. The course is designed for, and limited to, those students who have an intense curiosity about the natural world and life as a process. Due to the advanced and accelerated nature of the course, independent student learning and initiative are required. Students are expected to invest the time and energy necessary to synthesize complex and detailed processes.

Prerequisite: Placement test.

Directed Study: Bioethics^{KC}

U5820

Full year – Grades 10, 11, and 12 – Meets twice per cycle

Should humans be cloned? How are medical trials on humans regulated? Who owns the intellectual property of biological molecules? Should research investigating the biology behind sexual orientation be funded? Who should have access to genetic information? These are just a few of the questions that society grapples with as medicine and biotechnology advance. This course explores moral issues from philosophical and policy standpoints. Students investigate the science behind the phenomena and use case studies to understand the perspectives and interests involved. With each case, students also research how current policies, procedures, and laws respond to and regulate each scenario.

Human Anatomy and Physiology

U5420

Full year – Grades 11 and 12 – Meets 3 blocks per cycle

This advanced course in biology connects the anatomy (structure) to the physiology (function) of the human body. The year begins with an introduction to the main organ systems of human biology (circulatory, respiratory, digestive, endocrine, etc.). Students investigate the organs and tissues involved in these systems through dissections and by viewing videos of surgeries. Interactive models and articles from scientific journals are used to reveal the functions of those structures. Second semester, students engage in an extensive research project. They explore experimental techniques used to study physiology and the history and ethics of human research. The project continues with students applying the techniques researched, when applicable, to collect and analyze data sets and concludes by researching a physiological disorder and the treatments for that disorder.

Prerequisite: One year of chemistry and permission of current instructor.

Genetics and Biotechnology**U5422***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course introduces foundational principles of genetics and biotechnology. It addresses how landmark discoveries in molecular biology paved the way for modern genomics and considers select bioethical and societal issues stirred by this revolution in biology. First semester, students learn how scientists discovered that deoxyribonucleic acid (DNA) controls heredity and address the issues of scientific priority, competition, and genetic variation. Second semester, students apply their conceptual understanding to the broad field of genomics, including forays into microbiology, phylogenetics, and human applications such as epigenetics, stem-cell research, and the Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) and CRISPR-associated protein 9 (Cas9) system. In laboratory experiments, students hone technical skills in biotechnology such as the polymerase chain reaction, gel electrophoresis, bacterial transformation, and more.

Prerequisite: One year of chemistry and permission of current instructor.

Honors Molecular and Cellular Biology**U5435***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Chemical basis of biological structure and function, experimental design, data analysis, and evolutionary change are major themes reinforced throughout the year. Subject areas include macromolecules, enzyme regulation, cell structure and function, energy transformation (cell respiration, photosynthesis), cell communication, cell reproduction (DNA structure/function, mitosis), protein synthesis, gene regulation, and biotechnology. Inquiry-based lessons and interactive lectures present topics at a level similar to a first-year course for a college biology major. Assessments measure students' general knowledge in the subject as well as their ability to apply biological concepts to the explanation of real-world phenomena, analyze and evaluate evidence presented in data tables and graphs, and solve quantitative and qualitative problems. In the laboratory, students define biological questions, formulate hypotheses to answer those questions, design experiments that quantitatively test their hypotheses, and analyze collected data using statistical methods. In this course, students practice reasoning and compositional skills that strengthen their oral and written arguments.

Prerequisite: Honors Chemistry I or B in Chemistry and permission of current instructor.

Honors Evolution and Ecology**U5440***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

Evolution and its impact on biological systems, experimental design, and data analysis are major themes reinforced throughout the year. Subject areas include heredity (meiosis and Mendelian genetics), mechanisms of evolutionary change, population genetics, speciation, classification and biodiversity, ecology, and human impact on the biosphere. Inquiry-based lessons and interactive lectures present topics at a level similar to a first-year course for a college biology major. Assessments measure students' general knowledge in the subject, as well as their ability to apply biological concepts to the explanation of real-world phenomena, analyze and evaluate evidence presented in data tables and graphs, and solve quantitative and qualitative problems. In the laboratory, students define biological questions, formulate hypotheses to answer those questions, design experiments that quantitatively test their hypotheses, and analyze collected data using statistical methods. Throughout the course, students practice the reasoning and compositional skills that strengthen their written and oral arguments.

Prerequisite: Honors Chemistry I or B in Chemistry and permission of current instructor.

CHEMISTRY**Honors Chemistry I****U5510***Full year – Grade 10 – Meets 3 blocks per cycle*

This course is a qualitative and quantitative introduction to the macroscopic chemical behavior of inorganic substances based on molecular structure. Extensive laboratory work introduces, reinforces, and extends theoretical topics covered via reading and lecture. The first semester is devoted to recognizing, explaining, predicting, and expressing chemical changes. Thermodynamic considerations in predicting chemical change are also covered, and the term concludes with a correlation of molecular structure to the chemical and physical behavior of pure substances. In the second semester, more attention is paid to the molecular level of reactions. Solution properties, reaction kinetics, equilibrium, and electrochemical processes are studied in detail. Honors Chemistry I assumes greater comfort with applied algebra than Chemistry and requires a significant degree of independence. Students who have succeeded in previous science courses by spending significant time doing the maximum amount of work possible with frequent teacher intervention are likely to find the course very difficult and its time commitment excessive. Students need to determine for themselves how many of the suggested homework problems (not collected) are necessary for them to gain facility with the concepts.

Prerequisite: B+ in Honors Biology or A in Biology and, in ninth grade, B in Honors mathematics or A in another mathematics course and, if not an Advanced course, placement test.

Chemistry**U5500***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course includes lecture, discussion, and integrated laboratory experiments designed to introduce students to the nature of matter. The major topics presented are nomenclature, chemical reactions, stoichiometry, atomic structure, periodicity, bonding, molecular geometry, phases of matter, equilibrium, thermodynamics, and acid-base chemistry. The course presents abstract concepts and emphasizes quantitative problem-solving skills. Analytical thinking, more than memorization, is the key to success in the course.

Honors Chemistry II**U5511***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course presents topics commonly encountered in the first year of college chemistry chiefly through challenging laboratory investigations that are used to expand concepts beyond their fundamentals and provide students with real chemical situations to study and interpret. Students are exposed to modern analytical techniques as well as to data analysis and reduction using spreadsheets. The course is designed for the highly motivated student with a strong interest in chemistry who is able to learn new material with guidance rather than via traditional lecture. The pace and depth of the course require a strong background in high school chemistry. Students must work independently and budget their time wisely. A large portion of class time is spent in the laboratory. The rest of that time is divided between problem sessions, occasional lectures, and assessments. Students who found success through inordinate effort in the prerequisite course are likely to find this course very difficult and its time commitment excessive.

Prerequisite: A in Honors Chemistry I and permission of current instructor.

Honors Organic Chemistry**U5521***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

This course expands students' understanding of chemical changes to encompass the structure and reactivity of carbon-containing compounds. Topics include basic nomenclature, spectroscopy, stereochemistry, functional groups and their transformations, electronic structure, reaction mechanisms, and synthesis. The course does not require advanced mathematics; however, students must visualize the three-dimensional shapes of molecules to understand how the shapes influence their properties and reactivity. Knowledge of regular chemistry concepts, such as periodic trends, Lewis dot structures, valence-shell electron-pair repulsion (VSEPR) theory, intermolecular forces, and polarity, is needed. Students connect organic chemistry to real-world applications in fields such as biology, biochemistry, biomedical engineering, materials chemistry, forensics, genetics, environmental science, polymer chemistry, medicine, and pharmacology.

Prerequisite: Honors Chemistry 1 or B+ in Chemistry and permission of current instructor.

EARTH AND SPACE SCIENCES**Directed Study: Natural Disasters^{KC}****U5817***Full year – Grades 10, 11, and 12 – Meets twice per cycle*

Natural hazards affect all parts of the world. This course explores how science shapes our understanding of the natural world and influences how societies respond to natural disasters. Students develop a scientific foundation for analyzing events such as earthquakes, volcanic eruptions, tornadoes, hurricanes, and floods. They also examine how communities evaluate and address these hazards through political, social, and ethical perspectives. The course highlights technological advances that help monitor, predict, and provide warnings about natural hazards. Through case studies of both historical and recent disasters, students assess the geological and meteorological causes of these events and their impacts on individuals, societies, and the environment.

Astronomy**U5650***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course introduces students to the fundamentals of astronomy. Topics include the history of astronomy, electromagnetic radiation, astronomical instruments, the solar system, stars, galaxies, cosmology, and space technology. Class time is allocated to presentations, laboratory exercises (including solar viewing using telescopes), class discussions, and instructional videos. Weather permitting, the course includes a field trip to the historic Mount Wilson Observatory for a science, technology, engineering, and mathematics (STEM) program and astronomical observation and the possibility of others. Although basic algebra is employed, no prior physics knowledge is required. The course is more descriptive than quantitative and is designed for anyone with a general interest in astronomy.

Honors Geology**U5710***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Designed to appeal to a wide range of scientific backgrounds and interests, this laboratory course enables students to develop an understanding of the principles of physical geology, which includes the study of earth materials, structural geology, volcanism, earthquakes, and plate tectonics. The knowledge acquired provides perspective for how other science disciplines are impacted by, and rely upon, natural resources. During the required three-day field trip to Death Valley National Park, students gain an appreciation that comes from first-hand field study experiences. Students who take this course are eligible to receive college credit from University of California system schools.

Prerequisite: Honors Chemistry I, B- in Chemistry, or B in any science course taken in eleventh grade.

MULTIDISCIPLINARY SCIENCES**Introduction to Robotics****M7148***Identical quarters — Grades 8 and 9 — Meets 5 blocks per cycle*

This interdisciplinary elective introduces students to the engineering design process while building and programming robots with the VEX EDR system. Robots are programmed in VEXcode beginning with drop-and-drag Scratch and advancing to text-based coding in Python and C++. Students develop problem-solving, real-world engineering, computer science, and iterative-design skills through hands-on building projects. Students who join the middle school's robotics team are not required to take this course; conversely, students can take the course without joining the team.

Robotics Engineering and Design**M7149***Repeatable semesters — Grade 9 — Meets 5 blocks per cycle*

This interdisciplinary elective is for students interested in solving real-world challenges through the engineering design process. Students learn the basics of computer animated design, engineering electrical circuits, and creating custom parts through additive and subtractive manufacturing techniques. Students who plan to compete on the middle school's VEX robotics team and/or are interested in participating in the upper school's First Robotics Competition are strong candidates for this course.

Prerequisite: Introduction to Robotics and permission of current instructor.

Directed Study: Environmental Service at Harvard-Westlake**U5815***Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle*

Students learn about environmental efforts on campus and their importance to climate change, biodiversity loss, environmental justice, and more. Weekly mini-lessons provide a guide, after which students conduct an investigation that explores the application of the lesson. The investigation may take the form of either laboratory-style inquiry or self-guided research. Class time is also spent engaged in active service. This action component includes paper and battery recycling, tending to native plant gardens, cultivating hydroponic and traditional soil-garden produce, and composting. Additional ways in which the school can become more sustainable are explored—for example, by reducing beef, snacks containing palm oil, and packaging in the cafeteria; using solar panels on roofs; and installing water catchment systems. Students are assessed on slide presentations and articles written for the environmental newsletter in which they share the results of their investigations, demonstrate their understanding of classroom lessons, and report on their actions around campus.

Principles of Engineering**U5685***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This introductory survey exposes students to some of the major methods of thinking encountered in a postsecondary engineering course. It focuses on habits of mind and problem-solving techniques rather than on computations or analytical content. Students develop an understanding of concepts and hone interpersonal, creative, and problem-solving skills through collaborative completion of challenges. They are exposed to the practices of and specialized fields within several major branches of engineering, including aerospace, chemical, civil, and mechanical. The course is well suited for students considering engineering as a career as well as those curious about what it means to be an engineer or who are interested in learning how to better identify and solve real-world problems. No previous knowledge of engineering is required.

Honors Environmental Science**U5731***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This college-level course integrates principles of biological, chemical, and physical sciences to examine the interdependence of Earth's systems. Core subjects include human population dynamics, resource management, environmental quality, and global changes affecting both terrestrial and marine ecosystems with a special emphasis on biodiversity, fisheries management, and the effects of climate change on polar environments and agriculture. Chemical principles are applied to understand topics such as ocean acidification, biogeochemical cycles, pollution impacts, and nutrient dynamics. Students explore the interactions between society and the environment, focusing on choices for a sustainable future. Activities include lectures, laboratory experiments, watching educational films, and field trips that emphasize ecosystems and service learning.

Prerequisite: Honors Chemistry I or B in any science course taken in tenth or eleventh grade.

Oceanography and Marine Biology**U5750***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course provides an overview of ocean science. Students learn about the physical and geological features of the marine environment (oceanography) and the organisms that live in the ocean and their ecological relationships (marine biology). Designed to appeal to students with a wide range of scientific backgrounds and interests, the workload tends to be light-to-moderate compared to other science courses at Harvard-Westlake. Activities include lectures, laboratory experiments and observations, watching educational films, and, typically, two field trips.

PHYSICS

Physics I

U5600

Full year — Grades 11 and 12 — Meets 3 blocks per cycle

This course provides an introduction to physics through the study of mechanics, fluids, waves, and sound. It covers the same topics as Honors Physics I, but with less emphasis on mathematical problem solving and more on real-world application of physical principles. Students can expect regular hands-on laboratory experiences with less rigorous analysis than Honors Physics I. The course is for students who possess an interest in physics, basic algebra skills, and a willingness to think abstractly.

Corequisite: Advanced Algebra II or higher.

Honors Physics I

U5610

Full year — Grades 11 and 12 — Meets 3 blocks per cycle

This course introduces physics through the study of mechanics, fluids, waves, and sound, emphasizing conceptual understanding, qualitative explanations, and numerical problem solving. Laboratory work is extensive with a focus on written analysis of results and experimental, often open-ended design, where the goal is explained but the method only briefly outlined. The curriculum provides more in-depth study, complex problem solving, and rigorous laboratory analysis than Physics I. Successful students observe physics in the world around them and realistically assess their learning process and level of understanding. The course serves as a good background for those who wish to continue in science or engineering. It offers a college-level, noncalculus mathematical treatment of physics.

Prerequisite: B in Honors Chemistry I or Honors Algebra II or A- in Chemistry or Advanced Algebra II and permission of current instructor.

Corequisite: Advanced Precalculus or higher.

Honors Physics C: Mechanics**U5641***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course focuses on advanced problem-solving and covers the most common topics taught in the first semester of an introductory college physics course: kinematics, forces, work and energy, momentum, rotational motion, oscillations, and gravitation. Calculus concepts are integrated into nearly every aspect of the course, requiring a high degree of mathematical competence. Students are expected to develop a strong conceptual understanding of mechanics and can expect test and quiz questions to look substantially different from homework and practice problems. Laboratory work in this course is open-ended and requires substantial analysis. Students who have taken Physics I or Honors Physics I may only take this course if they concurrently enroll in Honors Physics C: Electricity and Magnetism. Rising seniors who have not satisfied the prerequisite may take a mathematics placement test just before the start of the school year to demonstrate sufficient summer work to waive the calculus requirement.

Prerequisite: AP Calculus BC or Honors Calculus I and II or concurrent enrollment in Honors Calculus II.

Honors Physics C: Electricity and Magnetism**U5642***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course focuses on advanced problem-solving and covers common topics taught in the second semester of an introductory college physics course: charge, electric field and potential, capacitance, resistance, inductance, circuits, magnetic field, and electromagnetic induction. Calculus concepts are integrated into nearly every aspect of the course, requiring a high degree of mathematical competence. Comfort with visualizing three-dimensional shapes and imagining them being sliced into pieces along different axes is helpful with some of the problem-solving. In their laboratory work, students are expected to show sophisticated understanding of the concepts and the limitations of the models discussed in class. Students may enroll in this course and Honors Physics C: Mechanics concurrently. Only students who have previously taken Honors Physics C: Mechanics, Honors Physics I, or Physics I may enroll in just Honors Physics C: Electricity and Magnetism. Rising seniors who have not satisfied the prerequisite may take a mathematics placement test just before the start of the school year to demonstrate sufficient summer work to waive the calculus requirement.

Prerequisite: AP Calculus BC or Honors Calculus I and II or concurrent enrollment in Honors Calculus II.

Directed Study: Topics in Modern Physics**U5814***Full year – Grades 11 and 12 – Meets twice per cycle*

This course is for independently motivated physics students who wish to learn about topics beyond those covered in the Honors Physics C courses. With some flexibility based on student interest, these may include fluid mechanics, thermodynamics, waves, quantum theory, special and general relativity, nuclear physics, and cosmology. Classes are discussion-based and active participation is expected. Assessments consist primarily of student presentations at the end of each unit.

Prerequisite: Honors Physics C: Electricity and Magnetism or Honors Physics II, taken previously or concurrently.

Honors Physics II**U5611***Full year – Grade 12 – Meets 3 blocks per cycle*

This algebra-based, accelerated introductory physics course explores topics including rotational motion, electrostatics, electrical circuits and capacitors, electromagnetism, geometric and wave optics, and an introduction to quantum physics. Treatment of these topics requires laboratory work, sophisticated problem solving, and substantial conceptual understanding. Experimental design and qualitative explanations are also emphasized. This course provides a good background for those wishing to continue in science or engineering after graduation.

Prerequisite: Honors Physics I or A- in Physics I.

WORLD LANGUAGES

Students may study either modern languages (Chinese, French, and Spanish) or Latin to fulfill the World Languages requirement. Through language study, students acquire communication skills and explore languages within the context of their respective cultures. For example, students of Latin learn to read Latin literature and to understand Roman contributions to civilization. The program creates opportunities for students to experience and acknowledge different patterns of thought and value systems. Through the department's interdisciplinary approach, students better understand their own language and culture and develop a sense of responsibility and commitment as world citizens.

Modern language courses are conducted as much as possible in the target language. Instructors in both modern and ancient languages integrate a variety of approaches, using technology in the classroom through recordings and films, in the language laboratory, and at home through the use of online resources. The department also offers directed studies in some other languages.

Placement tests are given to students new to Harvard-Westlake to determine the courses in which they qualify to enroll and may also be requested by current students.

Students must complete the study of one language through level III (strongly recommended) or two languages both through level II to satisfy the Harvard-Westlake School diploma requirement for World Languages study. A language waiver may be granted to students who have educational testing that reveals a specific language-based learning difference and have a demonstrated difficulty in second-language acquisition. Students or families that have testing that they believe may qualify a student for this waiver should contact the school's learning resource specialist who will determine whether a waiver is warranted.

CLASSICAL LANGUAGES

Latin

Latin IA

M3300

Full year — Grade 7 — Meets 5 blocks per cycle

In this introductory course, students practice Latin grammar with adapted versions of ancient and post-classical texts and a variety of spoken and written activities that emphasize using the language actively and creatively. Students develop foundational vocabulary and build a large store of English derivatives that come from those words. Roman culture is explored through projects on ancient geography, mythology, and daily life. No prior knowledge of Latin is required.

Latin IB

M3305

Full year — Grades 7 and 8 — Meets 5 blocks per cycle

A continuation of Latin IA, students in this course develop their reading, writing, and speaking skills with longer, more complex sentences. Vocabulary acquisition and reading comprehension are emphasized through texts focused on the mythology and history of the ancient world. Students further explore Roman culture and its legacy with projects on ancient religion and other topics of their choosing.

Prerequisite: Latin IA or placement test.

Latin II

M3320

Full year — Grades 8 and 9 — Meets 5 blocks per cycle

Latin II

U3355

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Through extensive reading and Latin composition exercises, students improve their analytical skills and develop mastery of Latin syntax. Vocabulary is expanded with emphasis on derivational morphology. Students delve deeper into their exploration of Latin grammar, transitioning from adapted texts to source materials. Cultural projects cover Roman politics and literature, preparing students to read the texts assigned in more advanced courses.

Prerequisite: Latin IB or Latin I.

Latin I

M3310

Full year — Grade 9 — Meets 5 blocks per cycle

Requiring no prior Latin experience, this intensive course introduces the Latin language and Roman culture. It covers the curricula of Latin IA and Latin IB.

Advanced Latin III**M3331***Full year — Grade 9 — Meets 5 blocks per cycle*

Students learn to read and translate literary prose and poetry, building on the grammatical foundation laid by previous Latin courses. Latin texts are read, translated, and analyzed. Curriculum is adjusted yearly to best accommodate the proficiency of the students and aims to practice skills necessary for enrollment in Honors Latin Literature I, such as contextualization and textual analysis. Classical civilization is explored throughout the course, including key moments in Roman history, classical mythology, and the cultural legacy of the Romans beyond the ancient world.

Prerequisite: Latin II.

Latin III**U3360***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Students learn to read and translate literary prose and poetry, building on the grammatical foundation laid by previous Latin courses. Original Latin texts are read, translated, and analyzed. Students expand their vocabularies, develop textual analysis skills, and continue to learn the grammar needed to engage with ancient texts. Classical civilization is explored throughout the course, including key moments in Roman history, classical mythology, and the cultural legacy of the Romans beyond the ancient world.

Prerequisite: Latin II.

Honors Latin III**U3363***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

First semester, vocabulary, grammar, and syntax presented in previous Latin courses are reviewed. Students read materials that are slightly above current comprehension levels to sharpen their language skills. They work with increasingly advanced modern Latin texts written specifically to support language acquisition. Second semester, students shift focus to pre-modern Latin works intended for intermediate readers. By the end of the year, students are able to read Latin texts, such as Vibia Perpetua's *Passion of Saints Perpetua and Felicity*, Eutropius's *Summary of Roman History*, and the *Historia Apollonii Regis Tyri*. This course proceeds at a fast pace and demands more reading of Latin texts than the non-honors Latin III course. Students must do more work on their own and more of the grade earned is based on written quizzes on both previously seen and sight material and tests.

Prerequisite: A in Latin II and permission of current instructor.

Latin IV**U3365***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle***Latin V****U3370***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

Students in these courses improve their translation skills while reading some of the greatest works by the most celebrated Roman writers, such as Eutropius, Ovid, and Plautus. Some Latin texts are read in their original and unadapted forms; others either in adapted modern-Latin versions or with the aid of a tiered approach to gradually increase difficulty. Attention is given to the historical background and literary merits of each work. Advanced grammatical constructions and rhetorical figures are reviewed and metrics introduced. In-class activities include reading, comprehension of texts without translation, discussion of the cultural background of the texts, sight translation, and exercises designed to help students increase their Latin proficiency.

Prerequisite: Latin IV—Latin III, Advanced Latin III, or Honors Latin III; Latin V—Latin IV, AP Latin, or Honors Latin Literature I.

Honors Latin Literature I**U3374***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course employs original Latin texts of increasing difficulty and complexity to expand and enhance the skills students developed during the previous year. Most class time is spent reading, translating, and discussing extensive passages of prose and poetry. Students develop their comprehension skills while reflecting critically on each text and exploring its historical and cultural context. Advanced grammatical topics are periodically reinforced via compositions and other exercises. During part of the second semester, students read a series of excerpts from Vergil's *Aeneid* while also becoming familiar with its meter, literary devices, and other poetic vocabulary and machinery.

Prerequisite: B+ in Latin V, Latin IV, or Honors Latin III, A- in Advanced Latin III, or A in Latin III and permission of current instructor.

Honors Latin Literature II^{KC}**U3376***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course is designed for advanced Latin students who have successfully completed AP Latin or Honors Latin Literature I and wish to continue their study of the language and Roman society and culture. Students read challenging and substantial passages of Latin poetry and prose to develop their facility with the language, an appreciation for the variety of Latin styles from one historical period to the next, and an ability to analyze and interpret a text. The legacy of the Latin language and classical literature is of primary interest, and students read Latin outside of the classical period to appreciate the impact that classical literature has had and continues to have on art, music, and film.

*Prerequisite: *Both Honors Latin Literature I or AP Latin and permission of current instructor.**

Greek

Only one of the Ancient Greek courses is able to be offered each year; enrollment determines which course will run.

Directed Study: Ancient Greek I**U3920***Full year — Grades 10, 11, and 12 — Meets twice per cycle*

This course provides students with an introduction to Attic Greek, the Greek of Thucydides, Plato, and the Greek tragedians. The class also explores various aspects of ancient Greek culture to place the language within its historical and cultural contexts. A background in classical languages is helpful, but not required.

Corequisite: Concurrent enrollment in another core World Languages class.

Directed Study: Ancient Greek II**U3921***Full year — Grades 11 and 12 — Meets twice per cycle*

Students in this course continue to develop their facility with reading the Greek language and learn more advanced grammatical and syntactical concepts.

Prerequisite: Directed Study: Ancient Greek I.

Corequisite: Concurrent enrollment in another core World Languages class.

MODERN LANGUAGES

Chinese

Chinese IA

M3000

Full year — Grade 7 — Meets 5 blocks per cycle

Chinese IA is an introduction to Mandarin Chinese. Basic knowledge of Pinyin, daily conversational vocabulary, Chinese characters, and grammar are taught. Listening, speaking, reading, and writing skills are developed, although emphasis is placed on speaking. Pronunciation and writing of Pinyin is practiced throughout the year. Students participate in situational conversations and make presentations on topics related to daily life. The Chinese writing system is introduced, including basic strokes, stroke order, radicals, and simple and useful Chinese characters. Texts and audiovisual materials depict aspects of Chinese culture, including festivals, gestures, mannerisms, and schools.

Chinese IC

M3007

Full year — Grade 7 — Meets 5 blocks per cycle

Students who have previous experience with spoken Chinese build vocabulary for daily conversation and learn basic characters for reading and writing in this introductory course. All four language skills (listening, speaking, reading, and writing) are developed, but the course emphasizes reading and writing. Topics related to student daily life are covered through communicative activities. Students learn how to type Chinese characters on computers and write them by hand.

Prerequisite: Placement test.

Chinese IB

M3005

Full year — Grades 7 and 8 — Meets 5 blocks per cycle

Chinese IB is a continuation of Chinese IA. Students build on their knowledge of daily conversational vocabulary, Chinese characters, and grammar. Listening, speaking, reading, and writing skills are developed, with emphasis placed on speaking and pronunciation. Topics related to daily life are discussed, and students prepare presentations and engage in situational conversations. Students continue to learn about the Chinese writing system, including stroke order, radicals, and basic Chinese characters. Texts and audiovisual materials address themes such as Chinese cuisine, community, hobbies, and weather.

Prerequisite: Chinese IA or placement test.

Chinese II M3020

Full year — Grades 8 and 9 — Meets 5 blocks per cycle

Chinese II U3055

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

In this course, students continue to develop listening, speaking, reading, and writing skills. Course materials include television news reports, documentaries, and fragments of Chinese films, adding a strong cultural component to the course. Students participate in short, everyday conversations using connected sentences. Instruction emphasizes strengthening sentence structures, expanding vocabulary, and enhancing proficiency across interpretive, interpersonal, and presentational modes of communication. End of course goals include conversing in various social contexts, being able to describe personal experiences, and gaining insight into Chinese cultural traditions.

Prerequisite: Chinese IC, Chinese IB, or Chinese I.

Chinese I M3010

Full year — Grade 9 — Meets 5 blocks per cycle

This intensive course for students with no previous world-language experience and students who want to start a new language is designed to give a solid introduction to Chinese. It covers the curricula of Chinese IA and Chinese IB.

Advanced Chinese III M3031

Full year — Grade 9 — Meets 5 blocks per cycle

This course is designed for students demonstrating the interest and motivation to pursue more in-depth Chinese studies. Curriculum is adjusted yearly to best accommodate the language proficiency of the students and aims to help transition their proficiency from intermediate-high to advanced-low. Interpretive listening and reading skills are developed as well as interpersonal and presentational speaking and writing skills. Materials in the target language supplement the textbook in order to provide a realistic depiction of current Chinese society. Cultural studies of Chinese history, traditions, customs, the educational system, and contemporary issues are discussed. Classes are conducted mainly in the target language and aim to prepare students for enrollment in Honors Chinese Language and Culture.

Prerequisite: Chinese II.

Chinese III**U3060***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course enables students to advance their language proficiency. Students improve their speaking, listening, reading, and writing skills while developing a deeper understanding of Chinese culture. Activities such as role-playing, presentations, and projects require active use of the target language. The course also emphasizes speaking skills through class discussions, which are supported by audio, visual, and written materials intended for native speakers. By the end of the course, students are able to exchange information on a range of topics such as transportation, school schedules, and China's geography and cuisines.

Prerequisite: Chinese II.

Honors Chinese III**U3063***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course provides an accelerated path for students to advance their language proficiency. It expands students' vocabulary, including idiomatic expressions, and strengthens their mastery of grammatical structures across interpretive, interpersonal, and presentational modes of communication. Course goals include a deepened understanding of Chinese culture, increased cross-cultural competency, and the ability to provide detailed and accurate cultural information while demonstrating organized thought progression in both speaking and writing.

Prerequisite: A in Chinese II and permission of current instructor.

Chinese IV**U3065***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course focuses on advancing students' language proficiency while fostering a deeper understanding of Chinese culture and society. Students engage in discussions, presentations, and projects using a variety of resources created by native speakers, including short articles, multimedia, and cultural materials. Topics include Chinese festivals, historical events, and everyday life in modern China. By the end of the course, students can navigate common social situations, discuss familiar topics with confidence, and express their opinions on basic cultural matters.

Prerequisite: Chinese III, Advanced Chinese III, or Honors Chinese III.

Chinese V**U3068***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course advances students' language proficiency and deepens their appreciation of traditional and modern Chinese society. Through discussions, presentations, and projects on topics such as societal change and cultural phenomena, students engage with resources created by native speakers. By the end of the course, students are able to have in-depth conversations, present well-organized arguments on cultural and contemporary issues, and handle a wide range of real-world situations in Chinese.

Prerequisite: Chinese IV or Honors Chinese Language and Culture and permission of current instructor.

Honors Chinese Language and Culture**U3071***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This accelerated course advances students' language proficiency and deepens their understanding of Chinese cultural and contemporary issues. Conducted in an immersive, Chinese-only environment, students engage in interpretive, interpersonal, and presentational tasks using materials created by native speakers. Activities include story narrations, email exchanges, and cultural presentations. The rigorous pace prepares students to interpret materials, communicate on cultural issues, and apply their skills in real-world contexts.

Prerequisite: B+ in Honors Chinese III, A- in Advanced Chinese III, or A in Chinese III, Chinese IV, or Chinese V and permission of current instructor.

Honors Chinese Literature and Arts**U3075***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course immerses students in Chinese literature, culture, and contemporary issues. Students explore Chinese values and societal themes through materials created by native speakers, including classical and modern poetry, idiom stories, legends, novels, and multimedia. The curriculum connects ancient perspectives with modern viewpoints. Course goals include a mastery of advanced vocabulary and complex grammar and the ability to write structured essays on cultural and literary topics.

Prerequisite: B+ in Honors Chinese Language and Culture or Chinese V and permission of current instructor.

French

French IA

M3100

Full year — Grade 7 — Meets 5 blocks per cycle

Students begin the formal study of French, developing listening and reading skills as well as exploring speaking and writing through activities focused on comprehension. French and francophone cultural elements are introduced with accompanying vocabulary and idioms, as are fundamental grammatical structures and simple verb forms. Using both original materials created for the course and French-language resources intended for native speakers, including written texts, videos, audio recordings, and web-based content, students reflect on elements of identity and the intersection of identity and culture.

French IB

M3105

Full year — Grades 7 and 8 — Meets 5 blocks per cycle

A continuation of French IA, this course expands the exploration of the French language with a focus on listening and reading skills. Students practice speaking on various themes and begin to develop writing skills appropriate to the novice level. French and francophone cultural elements are introduced with accompanying vocabulary and idioms, as are fundamental grammatical structures and simple verb forms. Course material blends original content with sources intended for native speakers, including written texts, videos, audio recordings, and web-based content. Reflecting on the intersection of identity and culture, students engage in conversations and writing practice exploring different aspects of those experiences.

Prerequisite: French IA or placement test.

French II

M3120

Full year — Grades 8 and 9 — Meets 5 blocks per cycle

French II

U3155

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Students build on what they have learned in level I courses, strengthening their interpretive, interpersonal, and presentational abilities. The course is organized around thematic units that allow students to enrich their vocabulary and develop their understanding of key grammatical concepts. With a focus on francophone cultures, students work extensively with materials produced by and for native speakers. This allows them to make relevant connections between their own culture and those of French-speaking countries and helps them to develop critical-thinking skills.

Prerequisite: French IB or French I.

French I**M3110***Full year — Grade 9 — Meets 5 blocks per cycle*

Requiring no prior experience, this intensive course provides a solid foundation in French language and culture. It covers the content and themes of French IA and French IB.

Advanced French III**M3131***Full year — Grade 9 — Meets 5 blocks per cycle*

This course is designed for students motivated to pursue more in-depth French studies. Classes are conducted in French as students practice spoken and written interpretive, interpersonal, and presentational skills. Through the study of cultural francophone materials, students continue to refine their command of grammar, syntax, and vocabulary. This course provides the tools students need to interpret sources created by native speakers and to write persuasive essays in the target language. Curriculum is adjusted yearly to best accommodate the students' proficiency and interests.

Prerequisite: French II.

French III**U3160***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Students build on skills learned in previous French courses to establish a firm foundation upon which to develop their language ability. The class is conducted primarily in French. The main goal is to continue developing all modes of communication (interpretive, interpersonal, and presentational) through extensive work with audio, visual, and written sources intended for native speakers that help students learn grammar and vocabulary in context. Students develop strategies for using French to communicate creatively through the use of imaginative, expressive, and increasingly advanced language. They also learn more about cultures of the francophone world.

Prerequisite: French II or Honors French II.

Honors French III**U3163***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course is designed for students demonstrating the interest and motivation to pursue more in-depth French studies. The program proceeds at a faster pace than French III and is conducted almost entirely in French. Students practice the skills of spoken and written French (interpretive, interpersonal, and presentational) using materials from French social media, movies, news articles, and songs by contemporary artists. Throughout the year, students develop and refine their command of grammar, syntax, and vocabulary. This course is recommended for students interested in enrolling in Honors French Language and Culture because it provides specific tools needed for that course, such as how to interpret materials intended for native speakers and write essays in the target language.

Prerequisite: B+ in Honors French II or A in French II and permission of current instructor.

French IV**U3165***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

Conducted entirely in the target language, this course develops proficiency in spoken and written French and emphasizes the refinement of conversational and writing skills by building active and passive vocabulary. Analysis of various forms of communication, including movies, songs, magazine articles, internet sources, and literary pieces intended for native speakers, is the basis for class discussions and compositions. The course also provides an in-depth review of grammar and syntax applicable to the Honors French Language and Culture curriculum.

Prerequisite: French III, Advanced French III, or Honors French III.

French V: Contemporary Culture and Communication**U3170***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

The goal of this course is to help students develop and refine conversational skills while acquiring a stronger awareness and understanding of French and francophone cultures. Through in-depth study of current events, press, cinema, slang, and contemporary literature, students learn to compare francophone and American cultures. Through extensive exposure to cultural variations, students widen their intellectual horizons and develop respect and appreciation for differences. Class discussion, which allows students to improve their fluency, is the predominant activity and serves as the primary means of assessing student proficiency. The homework load is limited and mainly consists of reading in preparation for class activities. The course is conducted entirely in French.

Prerequisite: French IV, Honors French Language and Culture, or Honors French Literature and Arts.

Honors French Language and Culture**U3174***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This college-equivalent course in advanced French language and culture may be taken in the fourth year of study. It develops interpretive, interpersonal, and presentational skills and enables students to understand spoken French in a variety of situations and accents; read articles, prose, and verse excerpts of moderate difficulty and mature content; make presentations about various topics; and express ideas and critical opinions accurately and with reasonable fluency, both verbally and in writing.

Prerequisite: B+ in Honors French III, A- in Advanced French III, or A in French III, French IV, or French IV and permission of current instructor.

Honors French Literature and Arts**U3176***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

This course is designed for advanced French students who want to continue their French studies and apply their linguistic mastery to French and francophone literature. Students focus on reading comprehension of full-length literary works; text analysis, with appropriate use of literary vocabulary; writing well-structured essays on literary topics; and sophisticated in-class discussion of works. Semester oral presentations allow students to explore a discipline of their choice related to a literary period analyzed in class. Students read extensively to analyze literature and to develop and deepen their understanding and perspective through the use of film, music, and art of the period. Students should have a strong background in oral and written French. This course may be taken in the fifth or sixth year of study.

Prerequisite: B+ in French V: Contemporary Culture and Communication or Honors French Language and Culture and permission of current instructor.

German

Only one of the German courses is able to be offered each year; enrollment determines which course will run.

Directed Study: Beginning German

U3930

Full year — Grades 10, 11, and 12 — Meets twice per cycle

This course introduces students to three main topics: basic structures of the German language, cultures of German-speaking countries, and a brief history of the development of Germanic languages. Course materials include texts (advertisements, pamphlets, etc.) and practice resources and, between class meetings, students work independently listening to audio recordings created by native speakers and watching videos. At the end of the course, students are able to use conversational German in some everyday situations.

Directed Study: Intermediate German

U3931

Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle

This course continues to develop students' German proficiency. Students learn complex grammar structures, including passive voice and subjunctive mood, while continuing to study the history, customs, and cultures of German-speaking countries. Course materials include short stories and poetry, and, between class meetings, students work independently listening to audio recordings and watching videos. At the end of the course, students are able to converse in German about more topics related to their everyday lives.

Prerequisite: Directed Study: Beginning German and permission of current instructor or prior enrollment.

Korean

Directed Study: Korean Language and Culture

U3940

Full year — Grades 10, 11, and 12 — Meets twice per cycle

This course provides an introduction to Korean language and culture and is intended for students with minimal prior exposure. Students learn how to read and write Korean and how to use the language in a conversational fashion while exploring Korean culture and its influence on the language.

Spanish

Spanish IA

M3500

Full year — Grade 7 — Meets 5 blocks per cycle

Students begin their formal study of Spanish with listening, speaking, reading, and writing activities guided by sources created by and intended for native speakers. Using these sources, students practice grammar and vocabulary, learn to describe personal identities and daily life, and compare English-speaking American to Hispanic cultures. Interactive lessons use online text, video, audio, and oral activities to familiarize students with the diversity of peoples that form the Spanish-speaking world. While this course assumes no prior knowledge of Spanish, students enrolled may have varying degrees of prior language exposure.

Spanish IB

M3505

Full year — Grades 7 and 8 — Meets 5 blocks per cycle

This course is a continuation of Spanish IA. A communicative approach to language learning is used to improve and increase students' listening, speaking, reading, writing, and study skills. Students explore the diverse cultures and peoples of the Spanish-speaking world through videos, articles, and texts. Students complete several projects pertaining to Spain and Latin America. In class, Spanish is the primary language spoken by both teacher and students.

Prerequisite: Spanish IA or placement test.

Spanish II

M3520

Full year — Grades 8 and 9 — Meets 5 blocks per cycle

Spanish II

U3555

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Students build on what they have learned in level I courses, strengthening their interpretive, interpersonal, and presentational abilities. The course is organized around thematic units that allow students to enrich their vocabulary and develop their understanding of key grammatical concepts. They strengthen their writing skills by integrating the use of different verb tenses in short paragraphs and compositions. Focusing on Hispanic cultures, students work with materials produced by and for native speakers. This allows students to make relevant connections between their own culture and those of Spanish-speaking countries and helps them to develop critical thinking skills.

Prerequisite: Spanish IB or Spanish I.

Spanish I**M3510***Full year — Grade 9 — Meets 5 blocks per cycle*

This intensive course provides a solid introduction to Spanish. It covers the content and themes of Spanish IA and Spanish IB using a similar approach based on real-world tasks and cultural themes. While this course assumes no prior knowledge of Spanish, students enrolled may have varying degrees of prior language exposure.

Advanced Spanish III**M3531***Full year — Grade 9 — Meets 5 blocks per cycle*

This course is designed for students demonstrating the interest and motivation to pursue more in-depth Spanish studies. Proceeding at a faster pace, classes are conducted almost entirely in Spanish as students practice spoken and written interpretive, interpersonal, and presentational skills. Using materials from Spanish television, movies, literary works, news articles, and songs by contemporary artists, students refine their command of grammar, syntax, and vocabulary. This course is recommended for students interested in enrolling in Honors Spanish Language and Culture and provides specific tools necessary for that course, such as the ability to interpret sources intended for native speakers and write persuasive essays in the target language. Curriculum is adjusted yearly to best accommodate the proficiency of the students.

Prerequisite: Spanish II.

Spanish III**U3560***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Students build on skills acquired in previous Spanish courses to establish a firm foundation upon which to advance their language ability. The main goal is to continue developing all modes of communication (interpretive, interpersonal, and presentational). Students work with audio, visual, and written sources intended for native speakers, reinforcing grammar and vocabulary in context. Students learn strategies to communicate creatively through the use of imaginative, expressive, and increasingly advanced language. They also learn more about cultures of the Spanish-speaking world.

Prerequisite: Spanish II or Honors Spanish II.

Honors Spanish III**U3563***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course is designed for students demonstrating the interest and motivation to pursue more in-depth Spanish studies. The program proceeds at a faster pace than Spanish III and is conducted almost entirely in Spanish. Students practice the skills of spoken and written Spanish (interpretive, interpersonal, and presentational) using materials from Spanish television, movies, literary works, news articles, and songs by contemporary artists. Students develop and refine their command of grammar, syntax, and vocabulary. This course is recommended for students interested in enrolling in Honors Spanish Language and Culture because it provides specific tools needed for that course, such as how to interpret materials intended for native speakers and write persuasive essays in Spanish.

Prerequisite: B+ in Honors Spanish II or A in Spanish II and permission of current instructor.

Spanish IV**U3565***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course emphasizes an interactive approach to learning the Spanish language and about Spanish cultures. Students strengthen their language skills by communicating orally and in writing, listening to and reading Spanish texts, and presenting their ideas to an audience. A curriculum emphasizing Hispanic culture reflects issues of interest to today's high-school students, providing opportunities to exchange opinions, make connections to content from other courses, and compare cultural elements from different Spanish-speaking societies. The course stimulates creative, critical thinking through activities requiring students to argue, persuade, analyze, and interpret other points of view. Practice of grammatical structures and vocabulary focus on communication in meaningful contexts.

Prerequisite: Spanish III, Advanced Spanish III, or Honors Spanish III.

Spanish V: Interdisciplinary Hispanic Studies**U3570***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Conducted entirely in Spanish, the goal of this course is to help students develop and refine conversational skills while acquiring more awareness and understanding of Spanish and Spanish-speaking cultures. Through the in-depth study of current events, cinema, and contemporary literature, students learn to compare those cultures with their own, widening their intellectual horizons and developing respect and appreciation for differences. Class discussion, which allows students to improve their fluency, is the predominant class activity. The homework load is limited and consists mainly of reading in preparation for class activities.

Prerequisite: Spanish IV or higher.

Directed Study: Conversations on Human Rights in Spain and Latin America

U3575

Full year — Grades 10, 11, and 12 — Meets twice per cycle

This course focuses on the history of Latin America and Spain through an exploration of contemporary culture. It begins with the study of Spain from the Second Republic to present-day and uses this historical framework to improve students' understanding of topics such as civil liberties, women's rights, "Spanish fascism," nationalisms, and the transition to democracy. The focus shifts to twentieth- and twenty-first-century Latin American culture, beginning with the influence of the United States in Latin America and its lasting impact. Students examine human rights, especially in the Southern Cone, and the effects of the Cold War as well as the themes of memory, protest, and reconciliation within contemporary Latin American society. Students use a range of materials, including literature, audiovisual materials, and historical documents, to analyze the periods of conflict and cultural development in both Spain and Latin America. This dual focus broadens their understanding of the sociopolitical landscapes that define the Spanish-speaking world.

Prerequisite: Spanish III or higher.

Honors Spanish Language and Culture

U3584

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

This accelerated course may be taken in the fourth or fifth year of study. It develops creative and critical thinking skills while studying complex thematic units. A comparative cultural component accompanies these themes as they are explored in twenty-one Spanish-speaking countries throughout the world. The course focuses on speaking, listening, writing, and reading in formal and informal contexts. The reading- and listening-comprehension sections feature materials that include articles from newspapers and magazines and excerpts from books, literary works, and short stories. Formal persuasive essays and oral presentations, short paragraphs responding to emails, and simulated conversations use materials created by and for native speakers. The goal is to develop students' interpretive, interpersonal, and presentational communication skills in the Spanish language. *Prerequisite: B+ in Honors Spanish III, A- in Advanced Spanish III, or A in Spanish III, Spanish IV, or Spanish V: Interdisciplinary Hispanic Studies and permission of current instructor.*

Honors Spanish Literature and Arts**U3582***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This course offers a comprehensive exploration of the voices, cultures, and experiences of Hispano-American and Caribbean writers. Students delve into a wide range of literary works, including novels, poetry, essays, and plays, to gain a deeper understanding of the complex literary tradition of Latin America. Through discussion and critical analysis, students develop an appreciation for the diversity and depth of Latin-American literature. This course provides a unique opportunity to explore the rich literary heritage of Latin America and its impact on the global literary landscape. The course also examines the historical, political, and social contexts that have influenced Latin-American literature, from pre-Colombian times to the present.

Prerequisite: Honors Spanish Seminar: History of Spain and Latin America or B+ in Honors Spanish Language and Culture or Spanish V: Interdisciplinary Hispanic Studies and permission of current instructor.

Honors Spanish Seminar: History of Spain and Latin America^{KC}**U3586***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

This seminar focuses on the history of Spain and Latin America as well as on contemporary political and social issues related to both regions. It includes historical analysis from the ancient (or pre-Colombian) period through modern times, including discovery of the New World, independence of the colonies, and contemporary issues. Students use their advanced Spanish-language skills in creative and analytical ways, applying those skills to a wide range of topics. The course is conducted entirely in Spanish and involves daily reading, writing, speaking, and listening. Students are expected to read four to five pages every day and are quizzed on that material. The readings are discussed in class together with videos related to the historical events. A historical movie is viewed at the end of every unit and students write a summary of each movie. There are unit examinations with questions about the material read and videos and movies watched. Two research papers and their related presentations with slides, one within each semester, are due in lieu of semester and final examinations.

Prerequisite: Honors Spanish Literature and Arts or Honors Spanish Language and Culture.

DIRECTED STUDIES

Directed study courses are listed among the offerings within departments, which is where the full course description for each can be found. These courses meet twice per cycle and can be added as an eighth course to an upper school student's schedule. In addition to checking the grade-level information and the prerequisite to determine eligibility, students considering enrolling in a directed study are advised to consult with their dean to discuss the impact of adding this type of course to their schedule.

English

Directed Study: Slam! Spoken-Word Poetry^{KC} U2640
Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle

History and Social Studies

Directed Study: Democracy in Decay U6810
First semester — Grades 10, 11, and 12 — Meets twice per cycle

Interdisciplinary Studies and Independent Research

Directed Study: Public Education in America—Ideal to Reality U7017
Full year — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Dialogue Across Difference U7048
Second semester — Grades 10 and 11 — Meets twice per cycle

Directed Study: Human-Interest Journalism U7046
Repeatable semesters — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: 9/11 + 25 Years U7018
First semester — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Corporate and Personal Finance U7066
First semester — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Global Financial Systems U7067
Second semester — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Ethics, Artificial Intelligence, and Society
Second semester — Grades 10, 11, and 12 — Meets twice per cycle

U7041

Directed Study: Quantum Computing and Other Advanced Technologies
Identical semesters — Grades 11 and 12 — Meets twice per cycle

U7069

Performing Arts

Directed Study: Dance

U1274

Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Jazz Theory and Improvisation

U1565

Full year — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Introduction to Music Theory

U1725

Full year — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: Dance

U1275

Repeatable semesters — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: The Prepared Actor

U1056

First semester, repeatable — Grades 10, 11, and 12 — Meets twice per cycle

Directed Study: HW Jazz Singers

U1360

Full year, repeatable — Grades 11 and 12 — Meets twice per cycle

Directed Study: AmericanPlaywrights^{KC}

U1055

Second semester, repeatable — Grades 11 and 12 — Meets twice per cycle

Physical Education

Directed Study: Yoga I

U8450

Repeatable trimesters — Grades 10, 11, and 12 — Meets twice per cycle

Science

Directed Study: Environmental Service at Harvard-Westlake	U5815
<i>Full year, repeatable – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Natural Disasters^{KC}	U5817
<i>Full year – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Bioethics^{KC}	U5820
<i>Full year – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Topics in Modern Physics	U5814
<i>Full year – Grades 11 and 12 – Meets twice per cycle</i>	

World Languages

Directed Study: Conversations on Human Rights in Spain and Latin America	U3575
<i>Full year – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Ancient Greek I	U3920
<i>Full year – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Beginning German	U3930
<i>Full year – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Intermediate German	U3931
<i>Full year, repeatable – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Korean Language and Culture	U3940
<i>Full year – Grades 10, 11, and 12 – Meets twice per cycle</i>	
Directed Study: Ancient Greek II	U3921
<i>Full year – Grades 11 and 12 – Meets twice per cycle</i>	

OTHER PROGRAMS

DIVERSITY, EQUITY, AND INCLUSION

Student Leadership: Inclusion, Diversity, and Equity (SLIDE) U7098

Full year — Grades 10, 11, and 12 — Meets twice per cycle

Student Leaders for Inclusion Diversity and Equity (SLIDE) is a coalition devoted to promoting diversity, equity, and inclusion at Harvard-Westlake by engaging in robust internal discussions that encourage allyship and cross-cultural understanding, supporting and uplifting each other, collaborating with the Prefect Council and all student affinity groups, conversing with administrators about how the school can cultivate a true sense of belonging for students of marginalized identities, attending trainings to become better leaders, and hosting all-community town halls and large-scale events. This non-credit course functions as a leadership development program as well as a common meeting time for productive reflection, intersectional courageous conversations, logistical organizing, and event planning. SLIDE membership comprises leaders of all identity-based affinity groups on campus, students who attend the Student Diversity Leadership Conference (SDLC), and students who have demonstrated diversity, equity, and inclusion leadership in other ways within the school community.

Prerequisite: Application.

HUMAN DEVELOPMENT

Harvard-Westlake strives to foster the joyful pursuit of academic excellence while nurturing emotional, moral, and character development. Human development classes are one way in which the school attempts to do so. Students take Human Development 8 in the eighth grade as a one-quarter course. Human development topics are also explored in full-year advisories for students in grades seven through ten and in sophomore, junior, and senior seminars.

Advisory 7	M9117
<i>Full year – Grade 7 – Meets twice per cycle</i>	
Advisory 8	M9118
<i>Full year – Grade 8 – Meets twice per cycle</i>	

Advisory 9	M9119
<i>Full year – Grade 9 – Meets twice per cycle</i>	

Advisories serve as students' home base. The curriculum includes the development of life skills, but it is primarily a forum for building community and creating a space for getting to know and forming bonds with an additional group of peers students may not otherwise have the opportunity to interact with on campus.

Human Development 8	M7938
<i>Identical quarters – Grade 8 – Meets 5 blocks per cycle</i>	

This course gives students opportunities to reflect on the changes and choices adolescents experience and face in their daily lives. Students are encouraged to integrate personal values into their decision making and to develop a sense of responsibility about their actions, thoughts, and feelings. The course aims to increase student knowledge of important personal, social, and health issues to enable them to make informed and better choices. Topics addressed include identity development; wellness, stress, and relaxation techniques; integrity in interpersonal relationships; self-esteem, assertiveness, relational aggression, and harassment; stereotypes, implicit bias, and appreciation of cultural diversity; prevention of substance use and abuse; and body image, puberty, sexual health, and reproduction. The course consists of scenarios, video clips, role playing, journal writing, and small-group and seminar-style discussions.

Sophomore Advisory	U9013
<i>Full year – Grade 10 – Meets once per cycle</i>	

This course is intended to create lasting relationships with mentors and classmates through experiential learning. It focuses on developing stronger social and emotional skills while also forging new supportive connections at the upper school. Topics include self-awareness, self-management, relationship skills, responsible decision making, and social/global awareness. All sophomores are automatically enrolled in this required course; attendance is mandatory.

Sophomore Seminar**U9010***Full year — Grade 10 — Meets once per cycle*

This seminar focuses on the process—rather than the end result—of adolescence and explores communication, community, empathy, identity, inclusion, relationships, resilience, and well-being. Through exercises and activities completed in class, students develop self-awareness, interpersonal skills, strategies for responsible decision-making, and ways to navigate difficult conversations. Led by the upper school deans, the course introduces college terminology and approaches to study skills and building a narrative for their high school experience. Students are expected to attend and participate in a positive, active manner that is respectful of others.

Junior Seminar**U9011***Full year — Grade 11 — Meets once per cycle*

This seminar focuses on the start of the college application process. Students learn how to research colleges, complete an application, and use the platforms necessary for the college search. Discussions also provide an overview of the college acceptance process, including how decisions are made. Seminars are led by the upper school deans, who serve as their students' college counselor.

Senior Seminar**U9012***Full year — Grade 12 — Meets once per cycle*

This seminar builds upon the skills and lessons learned in the sophomore and junior seminars. Students discuss, in great depth, all aspects of the college application process, best practices for processing college decisions, opportunities to reflect on the Harvard-Westlake experience, and elements of a successful transition to college and beyond. Meetings are moderated by the upper school deans and occasionally feature guest speakers, including Harvard-Westlake alumni.

SCHOOL AND COMMUNITY SERVICE

School Service

All middle school students are required to participate in school service, which is defined as work that benefits the Harvard-Westlake community. They serve a minimum of four hours each year. The on-campus work sites in which students may volunteer include the Cody & Cassidy Horn Commons, library, and community garden.

Community Service

The community service program has three major objectives: 1) to provide students with direct knowledge of social problems; 2) to instill in them a sense of responsibility for helping to solve those problems; and 3) to develop a sense of cooperation and community spirit within the school.

Harvard-Westlake students must participate in community service every year.

Middle School Community Service Program

As part of the sixteen hours of school and community service students on the middle school campus must complete each year, a minimum of four community service hours are required. These outreach hours are earned by participating in approved activities. Students who choose to do a school-organized activity complete their outreach by working with a faculty or staff leader and other students. Information about school-organized outreach activities is available in the community service office.

All middle school students may fulfill their community service obligations during the summer and/or outside of school during the academic year by working with an organization that meets Harvard-Westlake's outreach guidelines. Students *must* complete their grade-level community service requirement before registering for the next grade.

Middle school students *must* complete their school and community service before the end of the school year to be eligible for the honor roll.

Upper School Community Service Program

The community service program is promoted and directed by the upper school community council and overseen by faculty or staff advisors. Students may initiate their own projects or may attend one of the school-sponsored projects scheduled throughout the year by the council. School-sponsored projects vary in focus and include volunteer work with social service agencies, environmental clean-up, after-school tutoring, and other outreach programs.

Every upper school student participates in at least sixteen outreach hours each year. This requirement may be completed during the summer that precedes a given school year. Projects must include “hands-on” experience through which students interact directly with those served. Upper school community service must directly aid an underserved population or, in the case of environmental causes, involve students in activities that require direct physical interaction with the environment.

In addition, all upper school students are required to complete a six-hour CPR/AED/first-aid course before they graduate. They can take a course offered at Harvard-Westlake during the school year or one offered by the American Red Cross or American Heart Association outside of school. These hours are eligible to be applied toward satisfying the sixteen-hour community service requirement for the year in which the course is completed.

ARTS

ARTS

ARTS

PERFORMING ARTS	105
DANCE	105
MUSIC.....	108
THEATER ARTS	120
VISUAL ARTS	125
FOUNDATIONS	125
TWO-DIMENSIONAL ART.....	126
THREE-DIMENSIONAL ART	128
MEDIA ARTS	130

PERFORMING ARTS

The Performing Arts program encourages and empowers beginning and experienced students to explore their talents in theater, music, and dance. The department encourages students' appreciation of the arts in society. Through creative expression and the development of technique, and through the study of both classic and contemporary works, students come to understand artistic forms in their own and other cultures. Students also develop the discipline required of all artists. Courses range from the introductory to those that serve the needs of highly trained artists.

Enrollment in any Performing Arts department course does not guarantee casting or selection for extracurricular shows or groups. Students who wish to join an ensemble for which auditions are required should contact the teachers of those courses to obtain audition requirements.

Students must take at least one semester of Performing Arts in the seventh or eighth grade, an additional semester or two quarters of either Performing Arts or Visual Arts in the eighth or ninth grade, and an additional year of either Performing Arts or Visual Arts in tenth, eleventh, or twelfth grade.

DANCE

Physical Education Credit for Dance Courses: Students in eighth through twelfth grades can fulfill some or all of their Physical Education requirement by taking dance classes. To find out more about this option, please refer to the Athletics section (see Dance Program under the Physical Education subsection) of this guide.

Introduction to Contemporary Dance

M1200

Repeatable semesters — Grades 7, 8, and 9 — Meets 5 blocks per cycle

This course introduces students to the technical and creative elements of contemporary dance. Prior dance experience is not required. Basic studies in modern, jazz, hip hop, and ballet familiarize students with contemporary movement vocabulary as they develop coordination, agility, flexibility, and proper alignment and gain confidence in self-expression. Students are introduced to the choreographic process in a collaborative setting. An end-of-semester showcase provides students with the opportunity to present original works.

Contemporary Dance Workshop I**M1210***Repeatable semesters – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

This course is for dancers with prior training and performance experience who wish to deepen their understanding of contemporary dance and choreography. Students explore a wide range of styles and techniques (including ballet, jazz, hip hop, and modern dance) and learn about their historical and cultural origins. Through improvisation, collaboration, and choreographic studies, dancers find their voices and learn to express themselves through movement. The course ends with a showcase of student-created works and includes after-school rehearsals prior to that event.

Prerequisite: Audition.

Contemporary Dance Workshop II**M1212***Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

This course builds on the technical, creative, and performance skills of Contemporary Dance Workshop I. Students learn choreographed combinations and explore a culturally diverse variety of dance genres. Strength, flexibility, and coordination improve through the study of ballet, modern dance, jazz, and hip hop techniques, while improvisation and choreographic prompts emphasize creativity and self-expression. Students expand their critical-thinking capabilities by analyzing and discussing the works of contemporary choreographers. A performance of works created in collaboration with their peers in Dance Production requires all students enrolled in this course to participate in after-school and Saturday rehearsals leading up to that concert in late winter/early spring.

Prerequisite: Audition.

Dance Production**M1220***Full year, repeatable – Grades 8 and 9 – Meets 5 blocks per cycle*

This advanced course develops choreographic and performance skills through technique classes, improvisation studies, analytical thinking, and practical experience in rehearsal and performance. Dancers collaborate with their peers in Contemporary Dance Workshop II to create an original, professionally produced concert with an option to participate in additional after-school rehearsals from November to February. All students are required to participate in after-school and Saturday rehearsals leading up to the concert in late winter/early spring.

Prerequisite: Audition or prior enrollment.

Contemporary Dance Methods**U1250***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course offers an in-depth exploration of dance technique, choreography, improvisation, performance, aesthetics, and characteristics through lecture, video, and physical practice. Genres include, but are not limited to, modern, contemporary, jazz, hip hop, and ballet. Students learn to identify and discuss various dance forms as well as compose and perform through a series of collaborative choreographic assignments and showcases. The class provides the opportunity to appreciate dance as an art form and a space to explore expression through movement. Students enrolled in this course are welcome to join Harvard-Westlake's dance ensemble and perform in the annual dance concert.

Choreography**U1265***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course offers an in-depth study of choreography and the creative process through lectures and physical practice. Dance genres include, but are not limited to, modern, contemporary, jazz, hip hop, and ballet. Technique and performance are also examined. Students focus on developing choreographic approaches for both site-specific and stage work. The class provides the opportunity to appreciate dance as an art form and creates a space to explore expression through movement. Students enrolled in this course are welcome to join Harvard-Westlake's dance ensemble and perform in the annual dance concert.

Prerequisite: Audition or prior enrollment.

Directed Study: Dance**U1274***Full year, repeatable – Grades 10, 11, and 12 – Meets twice per cycle***Directed Study: Dance****U1275***Repeatable semesters – Grades 10, 11, and 12 – Meets twice per cycle*

This course is for beginner-to-advanced dance students interested in studying ballet and/or hip hop—student interest determines the genre(s) covered. Technique, body alignment, aesthetics, history, and proper movement mechanics are emphasized and serve as a strong foundation for dancers, athletes, and actors. Ballet classes are accompanied by a pianist. Students taking this course for a full year may earn one trimester of Physical Education credit.

Dance Conditioning**U1268***Repeatable trimesters – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course focuses on conditioning and training for dance. It includes cardiovascular exercises, circuit and flexibility training, strength exercises, and dance technique from various disciplines with a focus on jumps and turns.

Dance Performance and Production**U1270***Full year, repeatable – Grades 11 and 12 – Meets 3 blocks per cycle*

This is an advanced course designed for dancers serious about performing. Students choreograph and participate in the annual dance concert and various showcases throughout the year. Through lecture and physical practice, students learn how to produce a dance performance. They develop as dance artists and choreographers. The class provides the opportunity to appreciate dance as an art form and a space to explore expression through movement.

Prerequisite: Audition or prior enrollment.

MUSIC**Choral Music****Tenor Chorus****M1301***Full year, repeatable – Grades 7 and 8 – Meets 5 blocks per cycle*

This beginning-level course for students with developing and changing voices focuses on the fundamentals of singing and music literacy. Students who have or will develop a lower vocal range are encouraged to enroll regardless of their current stage of voice maturation. Typically, this chorus is made up of new baritones, mid-voice tenors, and unchanged tenors who are new to choral singing. The course covers breathing, pitch matching, tone production, and the coordination of the young voice and also introduces the fundamentals of sight-singing. A varied repertoire accessible to inexperienced singers is explored. After-school rehearsals are generally limited to the week of a concert or performance.

Treble Chorus**M1302***Full year, repeatable – Grades 7 and 8 – Meets 5 blocks per cycle*

This beginning-level course for students with developing treble voices focuses on the fundamentals of singing and music literacy. Typically, this chorus is made up of students new to choral singing who have treble voices that will remain in the soprano-alto range. The course covers breathing, pitch matching, tone production, and the coordination of the young voice and also introduces the fundamentals of sight-singing. A varied repertoire accessible to inexperienced singers is explored. After-school rehearsals are generally limited to the week of a concert or performance.

Vocal Ensemble**M1310***Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

This auditioned ensemble is for intermediate-to-advanced treble voices. The ensemble is made up of singers with soprano and alto ranges who have some prior singing experience. The course focuses on improving vocal technique and musicianship skills, including sight-singing and music literacy. The repertoire is varied and generally includes multiple voice parts. Independent a cappella groups may be derived from this ensemble. Vocal Ensemble represents the school in the community. After-school rehearsals are generally limited to the week of a concert or performance.

Prerequisite: Audition or prior enrollment.

Wolverine Singers**M1313***Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

This auditioned ensemble is for intermediate-to-advanced tenor, baritone, and bass voices. The ensemble is made up of students who have some prior singing experience. Students may join this ensemble regardless of their stage of voice maturation. The course focuses on improving vocal technique and musicianship skills, including sight-singing and music literacy. The repertoire is varied and generally includes multiple voice parts. After-school rehearsals are generally limited to the week of a concert or performance.

Prerequisite: Audition or prior enrollment.

Madrigals**M1315***Full year, repeatable – Grades 8 and 9 – Meets 5 blocks per cycle*

This advanced ensemble is for experienced singers representing all voice parts who are dedicated to the choral art. The course focuses on improving vocal technique and musicianship skills, including more advanced levels of sight-singing and music literacy. The repertoire is drawn from a cappella as well as accompanied styles in genres ranging from classical to contemporary and is generally voiced for four-part ensembles. Independent a cappella groups may be derived from this ensemble. Madrigals represents the school in the community. After-school rehearsals are generally limited to the week of a concert or performance.

Prerequisite: Audition or prior enrollment.

Wolverine Chorus**U1350***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

Wolverine Chorus is a nonauditioned choir for soprano, alto, tenor, and bass voices. The course is designed to teach and facilitate the application of fundamental musical concepts. These include aural skills, vocal technique, musicianship, critical listening, group dynamics, and how to rehearse and perform a diverse choral repertoire ranging from Western European choral standards to contemporary songs and folk music from various world cultures. Sight-singing ability, while helpful, is not required. The chorus performs in three major concerts per year and participates in festivals, special events, and trips. Extra rehearsals and some work outside of class, while minimal, are required.

Chamber Singers**U1355***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

Chamber Singers is a highly selective soprano/alto/tenor/bass ensemble drawn from yearly auditions. Its membership of sixteen to twenty students is based upon vocal talent and sight-reading and musicianship skills. Because of its quick pace, sophisticated rehearsal requirements, and additional performing opportunities, Chamber Singers demands a significantly larger amount of outside work than the other choral classes. The advanced repertoire is taken from the full spectrum of choral art. A particular emphasis is placed upon unique twentieth- and twenty-first-century music, as well as medium-sized works by great classical composers. The ensemble participates in community events, three major concerts, and many festivals during the school year. Chamber Singers may tour during spring break. Extra rehearsals are required.

Prerequisite: Audition or prior enrollment.

Bel Canto**U1365***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course is for an ensemble of treble voices from the tenth through twelfth grades. The class introduces choral techniques such as blend, diction, intonation, voicing, and vowel production. Advanced choral skills, such as multipart singing, stylistic tonal modification, and vibrato, also are addressed. It covers a variety of musical styles from the Renaissance to the twenty-first century, as well as some arrangements of popular a cappella and Broadway music. Sight-singing ability is not required but recommended. Bel Canto performs in three major concerts and select festivals throughout the school year. Extra rehearsals and work outside the classroom are required.

Prerequisite: Audition or prior enrollment.

Directed Study: HW Jazz Singers**U1360***Full year, repeatable – Grades 11 and 12 – Meets twice per cycle*

The eight to twelve skilled members selected to enroll in this course are auditioned out of Chamber Singers. Sight singing, vocal versatility, and musical memorization skills are mandatory. Vocal stylization, harmonic balance, scat-singing technique, and vibrato usage are addressed. The HW Jazz Singers repertoire is based primarily upon standard jazz canon, although “pop” and contemporary a cappella styles are also performed. The ensemble participates in community events, three major concerts, one spring festival, and any planned Chamber Singers spring break tour. Extra rehearsals are required.

Prerequisite: Audition or prior enrollment.

Corequisite: Bel Canto, Wolverine Chorus, or Chamber Singers.

Instrumental Music

Pianists: Because of limited performance opportunities for pianists, students with keyboard skills are encouraged to consider studies in beginning instrumental music, choral music, or music technology. On the middle school campus, advanced pianists may audition at the end of November for the annual chamber music concert that takes place in February; on the upper school campus, auditions determine placement of a limited number of advanced pianists in orchestral and jazz groups. Other appropriate course for pianists at the upper school include Directed Study: Introduction to Music Theory and Honors Music Theory. Upper school students may also participate in ad hoc chamber ensembles offered throughout the year.

Classical Performance Ensembles

Beginning Band

M1500

Full year – Grade 7 – Meets 5 blocks per cycle

This course provides an opportunity for students with no prior experience to learn how to play a woodwind or brass instrument, including the flute, oboe, clarinet, bassoon, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, euphonium, or tuba. Students learn to care for their instruments. They also learn the fundamentals of music theory and how to read music. Students enrolled in this class are provided with a school instrument, texts for the class, and daily group instruction. By the end of the year, students become proficient readers of music and acquire the proper technique to ensure a lifelong appreciation of and involvement in the discipline of instrumental music. After-school rehearsals, usually one each in the winter and spring, prepare students for the biannual concerts in which they perform.

Beginning Strings

M1400

Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle

This course introduces students who have no prior experience playing a stringed instrument to the violin, viola, cello, or double bass. Students are provided with a school instrument and daily group instruction. By the end of the year, students read music written in a variety of styles. Intensive study of music literature, technique, ear training, and music theory make possible a lifelong involvement and appreciation for the discipline of instrumental music. After-school rehearsals, usually one each in the winter and spring, prepare students for the biannual concerts in which they perform.

Middle School Concert Strings

M1405

Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle

This course provides an opportunity for students with previous playing experience on a stringed instrument to further develop technical and musicianship skills. Students concentrate on more advanced technique, including shifting, tuning instruments, vibrato, ensemble playing, altered fingerings, bowing styles, and expressive playing. Technique is taught through carefully sequenced orchestral repertoire. Students learn about different eras and styles of music. Professional conduct and careful listening are stressed to prepare students for future participation in more advanced orchestras. After-school rehearsals, usually one each in the winter and spring, prepare students for the biannual concerts in which they perform.

Prerequisite: Audition or prior enrollment.

Middle School Symphony**M1420***Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

Auditions for this most-advanced symphonic music ensemble on the middle school campus are held in the spring. Students with advanced playing experience rehearse and perform music from various styles and periods. Throughout the course, students are exposed to string, wind, and symphonic literature, and the classwork presents all members with appropriate challenges and technical difficulties. This orchestra performs in three concerts and participates in a nationally recognized competition or festival. Extra rehearsals outside the classroom, while minimal, are required. Woodwind, brass, and percussion students enrolled also rehearse and perform with the symphonic band throughout the year.

Prerequisite: Audition or prior enrollment.

Concert Band**M1505***Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

This course provides an opportunity for students with between one and four years of playing experience on a wind, brass, or percussion instrument to further develop technical and musicianship skills. Auditions for this ensemble are held in the spring, and placement is at the discretion of the conductor. Students learn how to play an instrument in a large ensemble, how to follow a conductor, and what it means to be part of a musical team. Students are exposed to a variety of musical styles, ranging from classical to popular. The repertoire is sequenced so that concepts learned in class are continually reinforced, and students are engaged and challenged. After-school rehearsals, usually one each in the winter and spring, prepare students for the biannual concerts in which they perform.

Prerequisite: Audition or prior enrollment.

Symphonic Band**M1510***Full year, repeatable – Grades 7, 8, and 9 – Meets 5 blocks per cycle*

This course is open to advanced wind, brass, and percussion players whose skill level is beyond the intermediate stages of learning how to play an instrument. Students must have at least two years of playing experience as a member of a large ensemble. Auditions for this ensemble are held in the spring, and placement is at the discretion of the conductor. There is an emphasis on learning how to adjust one's intonation in relationship to others, as well as on interpreting the music beyond the notes printed on the page. Musical expression, phrasing, tone quality, challenging technical passages, and the opportunity to become familiar with classic symphonic-band repertoire are all elements covered in this performing ensemble. After-school rehearsals, usually one each in the winter and spring, prepare students for the biannual concerts in which they perform.

Prerequisite: Audition or prior enrollment.

Symphony**U1460***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This advanced ensemble for strings, woodwinds, brass, percussion, and piano explores symphonic repertoire from a wide range of styles and periods. The course offers appropriate challenges and varied opportunities for students over multiple years of orchestral and chamber music performance. Symphony performs in three concerts annually and participates in nationally recognized competitions, festivals, and tours. A minimal number of rehearsals outside of class are required. Auditions are held in the spring.

Prerequisite: Audition or prior enrollment.

Orchestral Techniques**U1464***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This is a skill-building and performance-based course for string, woodwind, bass, piano, and percussion players with at least one year of instrumental training. Students have the opportunity to perform alongside upper school symphony players in a minimum of two concerts per year. The class focuses on advancing technique through intonation, sight-reading skills, tone production, vibrato, and more. Students receive individualized coaching, develop as ensemble players, and study music theory and history as they relate to the repertoire. Typically, there is one required after-school dress rehearsal before each performance.

Harvard-Westlake Chamber Orchestra**U1465***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

As the most-advanced orchestra on the upper school campus, this course is for highly trained string, woodwind, brass, and piano musicians. Students rehearse and perform challenging music representing various styles and periods. They deepen their experience with advanced chamber orchestra repertoire. Auditions for this limited-enrollment ensemble are in the spring. Students perform in three concerts, participate in nationally recognized competitions and festivals, and travel on national or international tours. Extra rehearsals outside the classroom, while minimal, are required.

Prerequisite: Current enrollment in Middle School Symphony, Symphony, or Harvard-Westlake Chamber Orchestra and audition.

Honors Instrumental Chamber Music**U1468***Full year – Grade 12 – Meets 3 blocks per cycle*

This course is for students with advanced technical proficiency who have demonstrated exceptional commitment to ensemble playing and are ready to tackle a more challenging repertoire. It features a rigorous performance schedule and heightened expectations, including special performances for the school community and scheduled outreach events. The class provides opportunities for the students to rehearse and perform with and experience leadership positions in Harvard-Westlake Chamber Orchestra and Symphony.

Prerequisite: Current enrollment in Symphony or Harvard-Westlake Chamber Orchestra and audition.

*Jazz Performance Ensembles***Middle School Jazz Band****M1515***Full year, repeatable – Grades 8 and 9 – Meets 5 blocks per cycle*

This course provides an opportunity for students to rehearse and perform jazz and blues in big band and jazz combo settings. The instrumentation for this class includes piano, guitar, bass, drums, saxophone, trumpet, and trombone. The coursework also covers some music theory and basic improvisation skills. Because class time is spent on ensemble work, a strong commitment to individual practice outside of class is essential for all students. There are approximately four after-school rehearsals each semester.

Prerequisite: Audition or prior enrollment.

Rhythm Section Workshop**M1530***Full year, repeatable – Grades 8 and 9 – Meets 5 blocks per cycle*

This class teaches guitarists, electric bassists, and drummers the fundamental techniques of ensemble rehearsal. Curriculum topics include basic instrument maintenance, intonation, rehearsal techniques, music theory, and playing from written arrangements, as well as learning music by listening to recordings.

Prerequisite: Audition or prior enrollment.

Jazz Band**U1550***Full year, repeatable — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This course is for experienced-to-advanced players. Each spring, students may audition for this class—a band molded from a traditional big-band set-up (five trumpets, four trombones, five saxophones, piano, bass, drums, and guitar). Students who feel qualified on nontraditional instruments (e.g., strings, mallets, Latin percussion, etc.) may also audition for placement consideration. The course of study for the ensemble includes advanced high school and college repertoire, student-written pieces, and commissions from professional jazz writers. In-depth areas of jazz and “commercial music” performance skills (tone quality, intonation, sectional balance, improvisational techniques, and style) are the major focus of the coursework. The class studies big-band charts and classic recordings representing various historical periods and styles of jazz. Additional after-school rehearsals may be scheduled for concerts, recording sessions, and extra performances. The Harvard-Westlake Jazz Explorers, the school’s top jazz combo, is selected from members of the Jazz Band. Additional small combos may be formed at the instructor’s discretion.

Prerequisite: Audition or prior enrollment.

Studio Jazz Band**U1552***Full year, repeatable — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

Designed for the intermediate-to-advanced jazz player, this is a performance-oriented class for brass, woodwind, keyboard, and rhythm-section players who desire an intensive experience studying jazz music. Students who wish to eventually place into Jazz Band should audition for this course. Classwork focuses upon performance skills, ensemble techniques, reading, improvisation, and specific jazz techniques and styles. The materials are chosen from standard big-band arrangements and combo charts. The class provides a unique opportunity for individuals to develop their overall playing skills while working in alternating settings of a twenty-two piece jazz band and jazz combos. Advanced members of this class may audition for the smaller combos that rehearse during class time. Selection for placement in these smaller groups can be competitive. Studio Jazz Band and its small combos perform in several concerts during the school year. Additional after-school rehearsals are scheduled before concerts and as needed.

Prerequisite: Audition or prior enrollment.

Jazz Ensemble**U1555***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

Designed for the less-experienced jazz player, this is a performance-oriented class for brass, woodwind, keyboard, and rhythm-section players who have had at least two years of instrumental training. Students who wish to eventually place into Studio Jazz Band or Jazz Band should audition for this course. Classwork focuses on performance skills, ensemble techniques, reading, improvisation, and specific jazz techniques and styles. The materials are chosen from standard jazz repertoire and classic jazz combo arrangements. The class provides an opportunity for students to develop their overall playing skills while working in a smaller jazz band. Jazz Ensemble performs in several concerts during the school year, and additional after-school rehearsals are scheduled as needed.

Prerequisite: Audition or prior enrollment.

Jazz Rhythm Section**U1560***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course is for students who play rhythm-section instruments (piano, bass, drums, or guitar). It focuses on the fundamentals of good rhythm-section playing. Issues such as timekeeping, functional musical literacy, transcription, and modern performance practices are emphasized. Much of the class is dedicated to learning scales, jazz harmony, and improvisational techniques. Enrollment may be limited.

Prerequisite: Audition or prior enrollment.

Jazz Horn Section**U1561***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course for saxophone, trumpet, and trombone players interested in developing skills for playing jazz and improvising focuses on developing technique, ear training, jazz repertoire, functional musical literacy, transcription, and modern performance practices. Students learn improvisational techniques used to create great jazz solos and professional tools of the trade for playing in a horn section. Enrollment may be limited.

Prerequisite: Audition or prior enrollment.

Music Theory, Composition, and History

Music Technology for Musicians I

M1620

Identical quarters — Grades 8 and 9 — Meets 5 blocks per cycle

This course enables already-practicing student musicians to grasp aspects of music that they may not be able to focus on in their individual musical studies. This includes areas of music theory, such as rhythm, harmony, melody, scales, orchestration, and form. Students are introduced to basic elements of music history and to music traditions from diverse cultures. Music technology equipment, including Apple Mac Pro computers, Kurzweil stage pianos, and Logic Pro software, is used on a daily basis. Students should have at least one year of formal music instruction prior to enrolling in this course.

Prerequisite: A middle school instrumental or choral music course.

Music Technology for Musicians II

M1625

Second semester — Grade 9 — Meets 5 blocks per cycle

Students advance to more complex studies in music theory, composition, orchestration, and music history and cultural traditions. Students are also introduced to ear training and film scoring. Music technology equipment, including Apple Mac Pro computers, Kurzweil stage pianos, and Logic Pro software, is used on a daily basis.

Prerequisite: Music Technology for Musicians I.

Directed Study: Jazz Theory and Improvisation

U1565

Full year — Grades 10, 11, and 12 — Meets twice per cycle

Students develop fluency in the language of jazz through the study of chord-scale relationships, form, harmony, scales, and stylistic vocabulary. Students listen to and analyze recordings to identify improvisational techniques and harmonic devices used by renowned jazz musicians. Through guided instruction, transcription, and composition projects, students apply these concepts directly to their own improvisation and creative work.

Prerequisite: Current enrollment in an upper school jazz performance ensemble or application.

Directed Study: Introduction to Music Theory**U1725***Full year – Grades 10, 11, and 12 – Meets twice per cycle*

This course gives students the basic skills and knowledge required for enrollment in Honors Music Theory. It covers material such as major and minor key signatures; all forms of major and minor scales and modes; and intervals, triads, and their inversions. The curriculum is dedicated to ear training, sight singing, and dictation and includes intensive exercises for the individual and the class.

Honors Music Theory**U1741***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

Elements of theory, harmony, and form—including scales and keys, intervals, chords, structural analysis and manipulation of Common Practice harmony, as well as melodic and harmonic dictation—are thoroughly explored.

Prerequisite: Directed Study: Introduction to Music Theory or application.

Music Tutorials**Music Tutorial****U1749***Full year, repeatable – Grades 10, 11, and 12 – Meets once per cycle*

Each Music Tutorial offers student members of another Performing Arts course the opportunity to develop discipline-specific skills. The content is determined through individual meetings with the instructor of the tutorial and is intended to supplement and enhance other in-class instruction. Typical tutorials are undertaken in music-related areas, such as composition, arranging, counterpoint, conducting, orchestration, jazz and commercial improvisation, early music, music history, music production, and voice and instrumental study. A limited number of tutorials can be supported by the music faculty each year, and the one meeting per cycle is arranged by the instructor. Students must be capable of working independently to complete the substantial amount of work assigned.

Prerequisite: Application.

THEATER ARTS

Acting

Drama Workshop

M1100

Repeatable quarters — Grades 7, 8, and 9 — Meets 5 blocks per cycle

This course concentrates on developing the stage presence, imagination, and self-confidence of the beginning- and intermediate-level student. The workshop focuses on basic stage skills, body awareness, and vocal technique. Students develop their instincts through improvisation, storytelling, cold readings, and prepared scenes.

Acting

M1000

Repeatable semesters — Grade 9 — Meets 5 blocks per cycle

This course teaches students the mechanics of acting. It provides opportunities to explore script analysis and performance techniques through a variety of scenes and monologues ranging from ancient Greek to contemporary stage and film literature. Memorization is required. The course culminates with a showcase. Showcase rehearsals take place during class, but one or two after-school dress rehearsals may be scheduled.

Acting I

U1023

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Recommended for novice performers and seasoned actors alike, this course explores the fundamentals of acting for the stage. The focus first semester is on improvisation through games and exercises designed to build skills in active listening, dynamic presence, playfulness, and spontaneity. Students practice the art of “Yes, and...” through creative collaboration, preparing them for higher levels of acting technique while also improving their communication skills. Second semester, students gain exposure to several notable acting techniques and viable pathways to character development through an exploration of characters and scenes from contemporary plays. The acting process is demystified by giving each actor a set of analytical and physical tools with which to work, starting with the ability to use one’s experiences and imagination to transform “self” into character. Each semester culminates in a performance project that may include original student-created work, group improvisation, contemporary scenes, and monologues.

Directed Study: The Prepared Actor**U1056***First semester, repeatable — Grades 10, 11, and 12 — Meets twice per cycle*

Actors in this course develop and strengthen audition technique and are oriented to professional production processes. In-person auditions, video auditions, callbacks, cold readings, and industry protocols for theater, television, and film are covered. Students receive a professional headshot and create a dynamic and adaptable resume based on their interests and skills. The curriculum may include visits from guest artists, field trips to local theaters, and mock auditions with guest directors. Students leave this course with a portfolio of audition material, including coached monologues and songs, and an arsenal of strategies to help them pursue future roles.

Acting II**U1024***Full year, repeatable — Grades 11 and 12 — Meets 3 blocks per cycle*

This course provides a platform to acquire skills in unique styles of performance such as on-camera and Shakespearean acting, mask work, and epic, verbatim, and devised theatre. Students apply prior training to adopt the appropriate physical tools, vocal dynamics, and imaginative play required for each genre. Students broaden their expressive capabilities and agility with different acting styles while continuing to develop their philosophy and approach to performance. Specific units of study rotate biennially, allowing students to repeat the course and gain exposure to new material while diving deeper into different facets of making theatrical work.

Prerequisite: Acting I-II: Improvisation and Scene Study or Acting I.

Honors Performance Studies**U1033***Full year — Grade 12 — Meets 3 blocks per cycle*

This course samples a wide range of performance styles and acts as an incubator for artists to hone in an area of interest. While students enrolled in Honors Performance Studies repeat in-class practical work from Acting II, a research and analysis component is added. This includes surveys of the evolution of theatrical conventions, innovations, and techniques to investigate how various elements of theatrical work shape culture over time.

Prerequisite: Acting II.

Playwriting

Directed Study: American Playwrights^{KC}

U1055

Second semester, repeatable — Grades 11 and 12 — Meets twice per cycle

At the end of Tony Kushner's epic play, *Angels in America*, the character Prior Walter addresses the audience directly and urges them to action with "The Great Work begins." While Prior's message reflects on the AIDS crisis in the 1980s, his pronouncement has since become a rallying cry for American playwrights. Students in this course dig into important theatrical pieces from the last few decades that are doing the work in Prior's appeal. As they study and honor the diverse voices making an impact on the current climate, students are encouraged to find their own voices as playwrights through a series of writing workshops and projects. This course explores a wide range of contemporary American theater-makers (e.g., Ayad Akhtar, Annie Baker, David Henry Hwang, Dominique Morisseau, Suzan-Lori Parks), is appropriate for both experienced and novice theater artists, and is recommended for students participating in the school's annual playwrights festival.

Technical Theater

Middle School Stagecraft I

M1110

Identical quarters — Grades 8 and 9 — Meets 5 blocks per cycle

This course introduces the basics of theatrical design and production. Students study the fundamentals of lighting, sound, sets, costumes, and theatrical properties as both designers and technicians through lectures, hands-on workshops, demonstrations, and films. In addition to learning to use advanced technical equipment in class, students become a part of a production team and participate as crew members for a Performing Arts department production or complete an equivalent project. This course requires attendance at performances and after-school rehearsals typically scheduled the week prior to the performance.

Middle School Stagecraft II**M1112***Second semester, repeatable – Grades 8 and 9 – Meets 5 blocks per cycle*

This course builds upon the principles learned in Middle School Stagecraft I. Students study advanced concepts in theatrical design with a particular emphasis on the role of design and technology in the storytelling process. Students also gain an understanding of high-end lighting and sound equipment. The course culminates in a comprehensive design project that is presented to the class. Students enrolled in this course are actively involved in school productions from start to finish and are expected to lead student crews for Performing Arts events. Attendance at performances and after-school rehearsals typically scheduled the week prior to the performance are required.

Prerequisite: Middle School Stagecraft I.

Stagecraft I**U1162***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course continues the lessons taught in Middle School Stagecraft I and II and adds a history of practices and practitioners from Greek theatre to the modern stage. It focuses on the disciplines of scenery, lighting, sound, and stage management. Aesthetics, the design process, and implementation of designs are emphasized. Students master high-end lighting and sound equipment and gain a basic understanding of hand tools and scenic construction practices. The final assessment is based on a project each student chooses from the disciplines offered. Students enrolled in this class serve in an array of roles during rehearsals, technical rehearsals, and live productions. Those not working directly on a project are expected to view the production and contribute to classroom discussions. All students participate in a group strike of scenery, lights, and costumes the day after a production closes.

Sewing I-II**U1174***Full year, repeatable – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This hands-on, combined-level class is for students who want to learn how to sew. Students with no prior experience start with the fundamentals and then develop the skills needed for garment assembly. Repeat students undertake intermediate projects that build confidence to work independently. Everyone completes between two and four wearable items each semester. The importance of sustainability in fashion is also discussed.

Stagecraft II**U1163**

Full year, repeatable – Grades 11 and 12 – Meets 3 blocks per cycle

This advanced course is for students who wish to design their own learning paths in one or two of the following stagecraft disciplines: stage management, stage design, carpentry, lighting, sound, or theatrical history. Students work on mainstage performances and unrealized projects while acting as Stagecraft I mentors.

Prerequisite: Stagecraft I.

VISUAL ARTS

The Visual Arts department welcomes and empowers students to explore their creative expression. Studio classes allow each participant to develop technical proficiency and an understanding of the art-making process. Students gain confidence in their ability to create and communicate with visual images. The curriculum emphasizes visual literacy, critical thinking, and historical context, which enables students to appreciate the art images they produce and the role that art plays in society.

Students must take at least one quarter of Visual Arts in the seventh grade, an additional semester or two quarters of either Visual Arts or Performing Arts in the eighth or ninth grade, and an additional year of either Visual Arts or Performing Arts in tenth, eleventh, or twelfth grade.

FOUNDATIONS

Enrollment in either one of these two seventh-grade Visual Arts courses is required for seventh-grade students. Visual Arts 7 is a quarter course; Foundations in Visual Arts is a semester course.

Foundations in Visual Arts

M0005

Identical semesters — Grade 7 — Meets 5 blocks per cycle

This studio class is for students who prefer a semester arts experience. Modeled after foundation art courses offered by contemporary art and design schools, it provides a broad palette of essential visual-arts skills, concepts, and experiences through the practice of animation, ceramics, drawing, mixed media, painting, and photography.

Visual Arts 7

M0001

Identical quarters — Grade 7 — Meets 5 blocks per cycle

This studio course introduces students to the fundamental principles of composition and design and the objective elements of visual language. Students explore art activities via a variety of media and techniques, including drawing, painting, printmaking, and sculpture. They develop visual language skills through classroom practice, guided experimentation, and sketchbook exercises. Students exhibit their work throughout the semester.

TWO-DIMENSIONAL ART

Drawing and Painting Technique: Representation and Themes M0215

Repeatable semesters — Grades 8 and 9 — Meets 5 blocks per cycle

Students investigate a variety of techniques and content inspired by both contemporary and historical artists. Initially, they engage in research with the goal of realizing their own visual language and direction. Assignments focus on abstract thinking and developing paintings based on themes chosen by each student, leading to a body of work that expresses the abstract or representational. Most importantly, this course sets the groundwork for students who plan to continue their painting studies at the upper school.

Mixed Media I M0201

Repeatable quarters — Grades 8 and 9 — Meets 5 blocks per cycle

Art projects are made accessible in this beginning studio course. A wide variety of popular media is used to encourage visual expression, experimentation, and investigation. Students are introduced to basic drawing skills; the primary focus, however, is on inspiring personal creativity through two-dimensional paintings, collage work, various forms of printmaking, and three-dimensional assemblage. Instruction is also provided in the use of colored pencils, acrylic paints, and pastels.

Drawing and Painting I/The Rise of the Modern World: Art and History U0280

Full year — Grade 10 — Meets 3 blocks per cycle

This interdisciplinary course combines a tenth-grade history course (see description for course number U6412, The Rise of the Modern World: Art and History, located in the Academics section of this guide under the History and Social Studies course offerings) with a drawing and painting course. For students who love art history and/or studio art, it offers the opportunity to study history through art and to develop and hone artistic techniques and talents.

Corequisite: The Rise of the Modern World: Art and History.

Drawing and Painting I

U0255

Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle

This introductory drawing and painting course is open to students who do not take Drawing and Painting I/The Rise of the Modern World: Art and History in the tenth grade and are interested in honing their two-dimensional art-making skills. The first semester focuses on foundational drawing and visual literacy; the second semester builds upon those skills by exploring representational and abstract wet-media techniques. Areas of study include line, tone, perspective, and color theory using professional artists' materials (e.g., charcoal, graphite, ink and wash, acrylics, oils). Historical and contemporary art examples illustrate the use of technique and content. Students keep and contribute weekly to a sketchbook.

Drawing and Painting II

U0260

Full year – Grades 11 and 12 – Meets 3 blocks per cycle

This course provides an intermediate exploration of the technical, historical, and theoretical aspects of fine art drawing and painting. Students participate in studio-based projects derived from a range of influences, including modern realism, observational art, and contemporary painting. Projects are designed to enhance foundations in composition and rendering while simultaneously encouraging critical thinking through discussions of concepts, art history, and theory.

Prerequisite: Drawing and Painting I/The Rise of the Modern World: Art and History or Drawing and Painting I.

Honors Senior Seminar: Drawing and Painting

U0267

Full year – Grade 12 – Meets 3 blocks per cycle

This advanced culminating course offers self-motivated seniors an in-depth investigation into drawing and painting. First semester focuses on advanced projects, and a self-directed body of artwork leads to the senior exhibition second semester. Projects reinforce the technical knowledge gained from prerequisite courses, introduce new and advanced techniques, and prepare students for the conceptual thinking required for their self-directed work. Group critiques for assessment and interdisciplinary cohort groups are emphasized. Visual Arts faculty provide feedback in an end-of-year panel review of student work.

Prerequisite: Drawing and Painting II and application.

THREE-DIMENSIONAL ART

Introduction to Three-Dimensional Art

M0075

Repeatable semesters — Grades 8 and 9 — Meets 5 blocks per cycle

In this hands-on, project-based studio art class, students explore techniques and materials for engaging clay and other three-dimensional mediums. Through hand-building methods, such as coil forming and slab construction, students begin to understand the qualities and capabilities of clay. By mold making, casting, and modeling with a variety of sculptural materials, students learn the principles of three-dimensional art making and design. Students experiment with new processes while honoring craft as a discipline in the arts. Benchmark pieces of historical and contemporary art are referenced to guide student work on each project.

Introduction to the Potter's Wheel

M0100

Identical semesters — Grade 9 — Meets 5 blocks per cycle

Students learn to center, open, shape, and trim clay on the potter's wheel. They gain the skills to make cups, bowls, and bottles. The class experiments with a variety of ways to decorate and glaze ceramic pieces.

Potter's Wheel I: Expanded Practice

M0110

Second semester — Grade 9 — Meets 5 blocks per cycle

Students learn a variety of techniques to guide their personal studio practice. They build upon the introductory potter's wheel skills and begin to refine their knowledge base, build confidence, and grow their technical skills. Students make larger forms, learn about handles and lids, and put these elements together to make complex pieces. They also study more dynamic glazing and surface-altering techniques and how to finish their work with more intention.

Prerequisite: Introduction to the Potter's Wheel.

Three-Dimensional Art: Ceramics/Sculpture**U0710***Full year – Grades 10, 11, and 12 – Meets 3 blocks per cycle*

This course explores the varied materials and processes associated with the production of three-dimensional art and design. The first semester concentrates on potter's wheel skills, including techniques and practices associated with finishing thrown ware such as firing and then glazing ceramic vessels, and the material properties of clay. Through repeated practice, students progressively bridge the gap between the hand and mind, becoming increasingly proficient ceramicists and potters. Second semester provides an aesthetic, technical, and historical exploration of sculpture through the use of clay (modeling and use of an armature), glass (cutting, polishing, taping, sandblasting), metal (oxy/acetylene brazing), and plaster (creating forms with an armature—layering, carving, sanding, and refining) and is designed to build cultural and artistic awareness, technical ability, and confidence; cultivate individual creativity; and promote a conscious use of materials and a greater understanding of the elements and principles of art. Historical and contemporary sculpture is reviewed to provide context and inspiration.

Ceramics II**U0060***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

Wheel-forming and other clay-forming and joining techniques are explored in depth. Glaze mixing and experimentation are covered, and kiln loading is introduced. A digital-image portfolio of student work may be produced.

Prerequisite: Three-Dimensional Art: Ceramics/Sculpture.

Glass**U0080***Full year – Grades 11 and 12 – Meets 3 blocks per cycle*

This course is dedicated to the aesthetic and historical exploration of varied materials and technical processes associated with the production of glass art. Students become familiar with glass cutting, performance-based work, mosaic, gluing, casting, fusing, slumping, sandblasting, sand casting, glassblowing, and hot sculpting. The course also covers the use of wax and clay as modeling materials for finished glass objects, along with varied mold-making processes. The study of historical and contemporary glass artworks provides context and inspiration for the projects. The class cultivates individual creativity and promotes a conscious use of materials and a greater understanding of the elements and principles of art. A digital-image portfolio of student work may be produced.

Prerequisite: Three-Dimensional Art: Ceramics/Sculpture.

Sculpture II**U0160***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

In this course, students explore an expanding variety of processes for creating three-dimensional objects. Through the techniques of carving, modeling, constructing, welding, casting, and woodworking, students realize forms in metal, wood, plaster, clay, wire, stone, and glass. Conceptual thinking is emphasized and deeper dives are taken into contemporary issues in sculpture. A digital-image portfolio of student work may be produced.

Prerequisite: Three-Dimensional Art: Ceramics/Sculpture.

Honors Senior Seminar: Three-Dimensional Art**U0755***Full year — Grade 12 — Meets 3 blocks per cycle*

This advanced course offers self-motivated seniors an in-depth investigation into three-dimensional art. With an instructor's guidance, it provides the opportunity to structure a substantial learning experience in place of traditional coursework. A rigorous studio experience that emphasizes concepts, skills, and each student's unique vision culminates in the creation of an art portfolio and group exhibition. Students complete a body of artwork in three-dimensional media including, but not limited to, sculpture, ceramics, glass, installation, and mixed-media. There is an expectation of deeper conceptual thinking in relation to community, audience, art-making traditions, and cultural and personal histories, and how those can be conveyed through their choice of medium, at this stage in the artist's development. Students are expected to invest in the work of their peers as well as their own. Visual Arts faculty provide feedback in an end-of-year panel review of student work.

Prerequisite: Ceramics II, Glass, or Sculpture II and application.

MEDIA ARTS**Graphic Design****Introduction to Graphic Design****M7122***Identical semesters — Grades 8 and 9 — Meets 5 blocks per cycle*

This course is for students who want to use design as a creative process in communications. Students learn to think like designers while conceptualizing and creating real-world projects. They develop skill sets in typography and image-making across digital and traditional formats; apply this knowledge in projects that cover logotypes, product design, and brand identity; and make pitches for poster, magazine, and book-cover designs. Students learn to use Adobe® software (Photoshop® and Illustrator®) to create projects that define their personal design aesthetic.

Graphic Design through the Medium of Merch I^{KC}**U0630***Full year—Grades 10, 11, and 12—Meets 3 blocks per cycle*

Everyone with a brand, from nonprofits and politicians to bands and coffee shops, wants “merch.” These products can create excitement and brand loyalty. But how can someone make effective merchandise? Students in this course are introduced to and explore the craft, materials, techniques, and ideology of graphic design for tee shirts and other forms of fashion merchandising. The curriculum is grounded in two-dimensional design. Students explore their favorite brands and clothing, construct their own visual identity, and then deconstruct the design and creation of these products. They learn the fundamentals of adding designs to garments, including silkscreen, embroidery, and direct-to-garment printing, and the software tools that relate to these processes. Students emerge with ample exposure to the production of merchandise, as well as a vocabulary for design-thinking and how to communicate ideas through this medium.

Graphic Design through the Medium of Merch II^{KC}**U0631***Full year, repeatable—Grades 11 and 12—Meets 3 blocks per cycle*

In this intermediate-level course, students deepen their understanding of visual identity and storytelling through advanced design and production methods. They refine their creative voices while expanding their proficiency with digital imaging and illustration software and exploring two-color screen printing and packaging design. Projects emphasize concept development, brand systems, and digital presentation and culminate in a cohesive portfolio that reflects each student’s aesthetic and design approach. Students may also collaborate with a local nonprofit organization to apply their skills in a community setting, using design as a form of expression, communication, and cultural engagement.

Prerequisite: Graphic Design through the Medium of Merch I.

Photography**Introduction to Digital Photography****M0305***Repeatable quarters—Grades 8 and 9—Meets 5 blocks per cycle*

This course introduces dynamic composition and expressive exposure techniques that apply to digital and film photography. Students create portfolios of printed photographs, and their work is exhibited on a regular basis. Coursework is performed with Nikon® digital single-lens reflex (SLR) cameras provided by the school and common point-and-shoot digital cameras provided by the student. Students learn to organize, edit, and print their photographs using Adobe® Photoshop® and Epson® inkjet printers.

Introduction to PhotoGraphics

M0310

Repeatable semesters — Grade 9 — Meets 5 blocks per cycle

This course introduces Adobe® Photoshop® as well as digital darkroom techniques and special effects. Course projects are designed and selected by current and previous students as well as by the instructor. Students are encouraged to explore as they develop sensitivity to craft, composition, picture design, and graphic impact. Students create portfolios containing printed photographs and graphics, and their work is exhibited on a regular basis. Coursework is performed with Nikon® digital single-lens reflex (SLR) cameras provided by the school and common point-and-shoot digital cameras provided by the student.

Photography I

U0355

Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle

This course covers the fundamentals of analog and digital photography, including camera operation, film processing and darkroom printing, photoshopping, and non-destructive image editing, as well as visual literacy, through the evaluation of images. It explores photography as a form of communication and a medium for storytelling and creative self-expression. The class also discusses photography as a fine-art and documentary practice by exploring themes such as identity, representation, memory, and community through the work of contemporary artists. Students meet and participate in workshops led by guest artists, collaborate with other schools on thematic projects, go on field trips, and share their work with the broader community in a spring semester exhibition.

Photography II

U0360

Full year — Grades 11 and 12 — Meets 3 blocks per cycle

In this course, students develop advanced technical photography skills that enable them to produce finished prints that faithfully reflect their intentions. Students identify issues, ideas, and emotions that have the most personal meaning to them and then effectively translate these into prints. Exhibitions of student work help to gauge whether these personal meanings translate into collective meanings. The students are introduced to the role that photography plays in our visual heritage, to a historical as well as personal approach to creative expression, and to the basic theories of aesthetic perception. A 35mm single-lens reflex (SLR) film or digital camera with manual controls is required.

Prerequisite: Photography I.

Honors Senior Seminar: Photography**U0367***Full year – Grade 12 – Meets 3 blocks per cycle*

This advanced photography and two-dimensional art course is student-led and offers self-motivated seniors an in-depth investigation into photographic-image making. With an instructor's guidance, it provides the opportunity to structure a substantial learning experience in place of traditional coursework. Students asynchronously work on their own projects, research, writings, and artistic development. A rigorous studio experience that emphasizes concepts, skills, and each student's unique vision culminates in the creation of an art portfolio and group exhibition. Independent explorations are punctuated with critiques and class discussions around various texts, artists, and artworks. Students are expected to invest in the work of their peers as well as their own. Visual Arts faculty provide feedback in an end-of-year panel review of student work.

Prerequisite: Photography II and application.

Video Art**Video Storytelling I****M0400***Identical semesters – Grades 8 and 9 – Meets 5 blocks per cycle*

Students explore a variety of animation and live-action techniques to bring stories of their own creation to life in digital time-based media. They write, storyboard, shoot, edit, and screen film art individually and collaboratively. Soundtracks and special effects using video-editing software may be added to complete the work.

Video Storytelling II**M0410***Repeatable semesters – Grades 8 and 9 – Meets 5 blocks per cycle*

This course expands on the exploratory nature of Video Storytelling I. Students develop more personal long-term projects to hone their time-based storytelling skills. Further refinement of animation-making skills, combined with an emphasis on three-dimensional space as seen through the camera, allows for an increasingly cinematic approach to video storytelling.

Prerequisite: Video Storytelling I.

Video Art I**U0550***Full year — Grades 10, 11, and 12 — Meets 3 blocks per cycle*

This full-year course teaches the basic techniques used in making experimental and short films. The series of projects and exercises empowers students to write, shoot, edit, and discuss their own works of art. No previous experience is necessary. The class is hands-on, collaborative, and critically engaging. Students learn about the history of film, video, and art so they can use that knowledge to interpret the world from their own points of view and tell their own stories. Students exhibit their works online and on campus in screenings, installations, and gallery shows. Selected works are submitted to film festivals.

Video Art II**U0560***Full year — Grades 11 and 12 — Meets 3 blocks per cycle*

Using the technical skills learned in Video Art I, students spend the year writing, producing, directing, filming, and editing their own projects. Through class presentations, screenings, and shooting in the studio and field, students become more familiar with the language of film and video art. Technical and aesthetic skills are expanded as long takes, Super 8mm film, deep listening and soundscapes, video collage, screenplay adaptations, and video art's intersection with performance art are explored. Projects are collaborative as well as individually driven, and students are encouraged to think conceptually and bring their whole selves to the work they create.

Prerequisite: Video Art I.

Honors Senior Seminar: Video Art**U0575***Full year — Grade 12 — Meets 3 blocks per cycle*

This course is for self-motivated seniors who have a passion for audiovisual storytelling and time-based artmaking. With an instructor's guidance, it provides the opportunity to structure a substantial learning experience in place of traditional coursework. Student filmmakers/artists take the technical and conceptual skills learned during the preceding two years and apply them to the production of original short films and video art installations. The yearlong series of projects—which may span narrative, experimental, and documentary genres—is solely imagined and realized by the students. A professional practices component provides students with experience in critically analyzing, writing, and speaking about contemporary media art and opportunities to apply to film festivals and exhibitions. Students are expected to invest in the work of their peers as well as their own. Visual Arts faculty provide feedback in an end-of-year panel review of student work.

Prerequisite: Video Art II and application.

ATHLETICS

ATHLETICS

ATHLETICS

ATHLETICS	137
REQUIREMENTS	137
ATHLETICS COURSE	137
PHYSICAL EDUCATION	138
SEVENTH- AND EIGHTH-GRADE PROGRAM	138
HIGH SCHOOL PROGRAM	139
DANCE PROGRAM	140
INTERSCHOLASTIC SPORTS.....	142
ATHLETIC PHILOSOPHY.....	142
ATHLETIC PROGRAMS BY SEASON	143
COURSE NUMBERS BY ATHLETIC PROGRAM	144

ATHLETICS

Physical activity, exercise, and wellness are essential to the Harvard-Westlake School experience. Whether through physical education or participation in sport, the goal is for each student to develop an appreciation for an active lifestyle, good character, and a positive self-image. While teaching skills and strategies specific to each sport or activity, an emphasis is placed on:

- lifelong habits that contribute to being a well-rounded person;
- team building and sportsmanship;
- development of leadership skills;
- cooperation among peers.

The program also challenges students to raise their fitness levels and develop an understanding of the relationship between fitness and lifelong wellness. Some students choose to participate in interscholastic sports. Others may choose to fulfill their requirement through physical education and/or dance classes. Students who wish to earn credit for participation in more than one physical education activity in a single trimester must obtain approval from the Physical Education department head or an athletic director prior to enrollment.

REQUIREMENTS

- Physical Education 7, grade 7—one year
- Physical Education, grade 8—one year
- Physical Education or Interscholastic Sports, grades 9–12— six trimesters; three trimesters in grade 9 strongly recommended

ATHLETICS COURSE

Athletic Team Student Manager

U8997

Repeatable trimesters — Grades 9, 10, 11, and 12 — Meets up to 5 days per week

This course enables students to support athletic teams in a non-athletic role. Students are assigned various tasks by the coach or administrator and are expected to attend all assigned practices and games/competitions. Students may enroll either in or out of season, depending on the needs of the program and program head.

PHYSICAL EDUCATION

Physical education classes are available to students in every grade and include a variety of sports and fitness activities.

SEVENTH- AND EIGHTH-GRADE PROGRAM

Every seventh- and eighth-grade student must sign up for a full year of physical education. Students in the seventh grade must enroll in Physical Education 7, a full-year course. Students in eighth grade may take either Physical Education 8 (Regular or Intensive) or one year of dance (see Dance Program later in this section for course options).

Physical Education 7

M8007

Full year — Grade 7 — Meets 5 blocks per cycle

This course introduces students to individual sports, team sports, fitness, and aquatics. The program challenges students to raise their fitness levels and develop motor and leadership skills, good character, and a positive self-image. Students rotate through activities of varying intensity while being evaluated on their effort, attitude, and commitment to athletics.

Physical Education 8: Regular

M8010

Full year — Grade 8 — Meets 5 blocks per cycle

This course continues to develop the knowledge and skills introduced in Physical Education 7. The focus is on teaching students to develop listening habits and build character through teamwork, communication, and cooperation while improving their coordination and athletic skills. The program includes single gender and coeducational options.

Physical Education 8: Intensive

M8011

Full year — Grade 8 — Meets 5 blocks per cycle

This course is designed for competitive student-athletes who are preparing for high school sports. It includes a rotation of sports, introductory weight training, and sports performance. The course continues to develop the knowledge and skills introduced in Physical Education 7 with a concentration on teamwork, good sportsmanship, and communication.

Prerequisite: Permission of current instructor.

Corequisite: Participation on a Harvard-Westlake interscholastic sports team.

HIGH SCHOOL PROGRAM

Courses offered by the Physical Education department to high school students are divided into trimesters. This allows for a smooth interaction between physical education and interscholastic sports. High school students may earn Physical Education credit by participating on interscholastic sports teams. For each completed trimester on an interscholastic sports team, students earn one trimester of Physical Education credit. Physical education classes are offered each trimester to students who choose not to participate on a sports team. Dance classes may also be taken to satisfy the Physical Education requirement (see Dance Program later in this section). Students must complete six trimesters of physical education while in the ninth through twelfth grades; students are encouraged to complete three of these trimesters during grade 9.

Physical Education 9

M8009

Repeatable trimesters — Grade 9 — Meets 4 times per cycle

This course meets every other day of the cycle during a portion of the school-wide lunch break. Students participate in a variety of activities each trimester. These activities may include badminton, basketball, fitness, football, soccer, softball, team handball, ultimate Frisbee, volleyball, weight training, and others deemed appropriate by the Physical Education department.

Strength and Conditioning

U8403

Repeatable trimesters — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Students participate in a sports performance program designed to prepare them for competition on an interscholastic athletic team. Harvard-Westlake athletes are encouraged to enroll during the off seasons of their sport. Class activities include weight training, agility training, and physical conditioning. Individual student programs comprise exercises aimed at improving performance in the sport(s) of their choice.

Directed Study: Yoga I

U8450

Repeatable trimesters — Grades 10, 11, and 12 — Meets twice per cycle

This course provides an introduction to basic yoga and is open to students of all levels. Postures, breath control, and meditation are emphasized. Students learn these practices in the context of a larger mind/body discipline through which they can acquire greater self-awareness. Students work toward an independent daily practice of yoga.

DANCE PROGRAM

Dance classes are offered through the Performing Arts department. Descriptions of each course are provided in that section of this guide along with the prerequisites that must be satisfied before enrolling in these courses.

Students in grades 8–12 can fulfill some or all of their Physical Education requirement by taking dance classes. Students in grades 9–12 may earn one trimester of Physical Education credit for taking a semester dance class and up to three trimesters of credit for completing a full-year dance class.

Dance classes offered on the upper school campus also satisfy the Arts requirement.

Middle School Dance Classes

Eighth- and ninth-grade students may take the dance classes listed below to earn Physical Education credit.

Introduction to Contemporary Dance M1200

Repeatable semesters — Grades 8 and 9 — Meets 5 blocks per cycle

Contemporary Dance Workshop I M1210

Repeatable semesters — Grades 8 and 9 — Meets 5 blocks per cycle

Contemporary Dance Workshop II M1212

Full year, repeatable — Grades 8 and 9 — Meets 5 blocks per cycle

Dance Production M1220

Full year, repeatable — Grades 8 and 9 — Meets 5 blocks per cycle

Upper School Dance Classes

The dance courses offered on the upper school campus eligible to be taken to earn Physical Education credit are listed below.

Contemporary Dance Methods U1250

Full year, repeatable — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Choreography U1265

Full year, repeatable — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Directed Study: Dance U1274

Full year, repeatable — Grades 10, 11, and 12 — Meets twice per cycle

Dance Conditioning U1268

Repeatable trimesters — Grades 10, 11, and 12 — Meets 3 blocks per cycle

Dance Performance and Production U1270

Full year, repeatable — Grades 11 and 12 — Meets 3 blocks per cycle

INTERSCHOLASTIC SPORTS

Harvard-Westlake students are encouraged to participate on an interscholastic sports team. Seventh- and eighth-grade students cannot earn Physical Education credit for this participation. Students in ninth through twelfth grades receive one Physical Education credit for each season they participate on interscholastic sports teams (including training seasons).

Most middle school teams are members of the Junior High Delphic League. Most freshman, junior varsity, and varsity teams are members of the Mission League (boys) or Los Angeles Athletic Association (girls). If a team requires tryouts, they are held before each season. Middle school students are informed about tryout times through Harvard-Westlake's daily bulletin. This information is also projected on the Wolverscreens on campus. High school students (grades 9–12) interested in participating on an interscholastic athletic team should contact the head of that program for tryout information.

Students must receive approval from the coach before signing up for an interscholastic athletic team. Leaving or being dismissed from an athletic team may result in Physical Education credit not being given for that trimester.

Generally, middle school teams practice three days per week for approximately two hours. In season and during the school year, high school athletic team practice times shall not exceed two-and-a-half hours on weekdays and three hours on Saturdays. Fall athletes are expected to attend practices during August; winter and spring athletes are expected to attend practices and games scheduled during school breaks in their seasons. Athletes should note that, in many cases, full participation includes a commitment to the sport beyond the trimester of the regular season. Students are expected to participate in these off-season activities unless they have a conflicting Harvard-Westlake commitment.

ATHLETIC PHILOSOPHY

Harvard-Westlake Athletic Philosophy

Harvard-Westlake Athletics strives to embody the mission of the School by building community through teamwork, pursuing athletic excellence, and promoting integrity through sportsmanship while enthusiastically representing the School with purpose and pride.

ATHLETIC PROGRAMS BY SEASON

Below is a list of the interscholastic sports teams offered by the seasons during which their athletic contests are played. Unless indicated otherwise with a parenthetical note, all students are eligible to participate.

Fall

Cross Country
Field Hockey (grades 9–12)
Flag Football (girls)
Football
Golf (girls, grades 9–12)
Swimming and Diving (grades 7 and 8)
Tennis (girls)
Volleyball (girls)
Water Polo (boys, grades 9–12)

Winter

Basketball
Soccer
Water Polo (girls, grades 9–12)
Wrestling

Spring

Baseball
Beach Volleyball (girls, grades 9–12)
Field Hockey (grades 7 and 8)
Golf (grades 7 and 8 and boys, grades 9–12)
Lacrosse
Softball
Swimming and Diving (grades 9–12)
Tennis (boys)
Track and Field
Volleyball (boys)

Multi-Season

Drumline (grades 9–12)
Equestrian
Fencing
Robotics—FRC (grades 9–12)
Robotics—VEX
Spirit Squad (grades 9–12)

COURSE NUMBERS BY ATHLETIC PROGRAM

Use the following course numbers to sign up for Harvard-Westlake interscholastic sports teams. Placement on all teams is at the discretion of the coach. Course numbers in **bold** print denote the competitive season.

Only students in the seventh and eighth grades are eligible to enroll in Middle School sports teams. Students must obtain coach approval to sign up for a training season if not enrolling in the competitive season for that sport.

Athletic Service	Fall	Winter	Spring
HWTV (grades 9–12)	8993	8993	8993
Baseball	Fall	Winter	Spring
Baseball—Middle School			8217
Baseball (grades 9–12)	8762	8762	
Baseball—JV			8761
Baseball—Varsity			8760
Basketball	Fall	Winter	Spring
Basketball—Middle School Boys			8205
Basketball—Middle School Girls			8110
Basketball—Boys (grades 9–12)	8732		8732
Basketball—Girls (grades 9–12)	8532		8532
Basketball—Freshman Boys			8734
Basketball—JV Boys			8731
Basketball—JV Girls			8531
Basketball—Varsity Boys			8730
Basketball—Varsity Girls			8530

Beach Volleyball	Fall	Winter	Spring
Beach Volleyball—Varsity Girls			8525
Cross Country	Fall	Winter	Spring
Cross Country—Middle School	8302		
Cross Country—JV Boys	8711		
Cross Country—JV Girls	8501		
Cross Country—Varsity Boys	8710		
Cross Country—Varsity Girls	8500		
Drumline	Fall	Winter	Spring
Drumline (grades 9–12)	8940	8940	8940
Equestrian	Fall	Winter	Spring
Equestrian—Middle School	8335	8335	8335
Equestrian (grades 9–12)	8920	8920	8920
Fencing	Fall	Winter	Spring
Fencing—Middle School	8300	8300	8300
Fencing (grades 9–12)	8902	8902	8902
Field Hockey	Fall	Winter	Spring
Field Hockey—Middle School			8307
Field Hockey (grades 9–12)			8612
Field Hockey—Freshman	8614		
Field Hockey—JV	8611		
Field Hockey—Varsity	8610		
Flag Football	Fall	Winter	Spring
Flag Football—Middle School Girls	8112		
Flag Football—Varsity Girls	8630		
Football	Fall	Winter	Spring
Football—Middle School	8202		
Football (grades 9–12)		8702	8702
Football—JV	8701		
Football—Varsity	8700		

Golf	Fall	Winter	Spring
Golf—Middle School			8312
Golf—Boys (grades 9–12)		8772	
Golf—Girls (grades 9–12)		8622	
Golf—JV Boys			8771
Golf—JV Girls	8621		
Golf—Varsity Boys			8770
Golf—Varsity Girls	8620		
Lacrosse	Fall	Winter	Spring
Lacrosse—Middle School Boys			8208
Lacrosse—Middle School Girls			8113
Lacrosse—Boys (grades 9–12)	8822		
Lacrosse—Girls (grades 9–12)		8642	
Lacrosse—JV Boys			8821
Lacrosse—Varsity Boys			8820
Lacrosse—Varsity Girls			8640
Robotics	Fall	Winter	Spring
Robotics—Middle School	8392	8392	8392
Robotics—FRC (grades 9–12)	8950	8950	8950
Robotics—VEX (grades 9–12)	8955	8955	8955
Soccer	Fall	Winter	Spring
Soccer—Middle School Boys			8210
Soccer—Middle School Girls			8115
Soccer—Boys (grades 9–12)	8742		8742
Soccer—Girls (grades 9–12)		8552	8552
Soccer—Freshman Boys			8744
Soccer—Freshman Girls			8554
Soccer—JV Boys			8741
Soccer—JV Girls			8551
Soccer—Varsity Boys			8740
Soccer—Varsity Girls			8550

Softball	Fall	Winter	Spring
Softball—Middle School			8127
Softball (grades 9–12)		8572	
Softball—Varsity			8570
Spirit Squad	Fall	Winter	Spring
Spirit Squad (grades 9–12)	8930	8930	8930
Swimming and Diving	Fall	Winter	Spring
Swimming—Middle School	8317		
Swimming and Diving—Boys (grades 9–12)	8782	8782	
Swimming and Diving—Girls (grades 9–12)	8582	8582	
Swimming and Diving—JV Boys			8781
Swimming and Diving—JV Girls			8581
Swimming and Diving—Varsity Boys			8780
Swimming and Diving—Varsity Girls			8580
Tennis	Fall	Winter	Spring
Tennis—Middle School Boys			8222
Tennis—Middle School Girls	8130		
Tennis—Boys (grades 9–12)		8792	
Tennis—Girls (grades 9–12)			8512
Tennis—JV Boys			8791
Tennis—JV Girls	8511		
Tennis—Varsity Boys			8790
Tennis—Varsity Girls	8510		
Track and Field	Fall	Winter	Spring
Track and Field—Middle School			8322
Track and Field—Boys (grades 9–12)		8802	
Track and Field—Girls (grades 9–12)		8602	
Track and Field—Frosh/Soph Boys			8803
Track and Field—JV Boys			8801
Track and Field—JV Girls			8601
Track and Field—Varsity Boys			8800
Track and Field—Varsity Girls			8600

Volleyball	Fall	Winter	Spring
Volleyball—Middle School Boys			8225
Volleyball—Middle School Girls	8100		
Volleyball—Boys (grades 9–12)		8812	
Volleyball—Freshman Boys			8814
Volleyball—Freshman Girls	8524		
Volleyball—JV Boys			8811
Volleyball—JV Girls	8521		
Volleyball—Varsity Boys			8810
Volleyball—Varsity Girls	8520		
Beach Volleyball—Varsity Girls			8525
Water Polo	Fall	Winter	Spring
Water Polo—Boys (grades 9–12)			8722
Water Polo—Girls (grades 9–12)	8542		8542
Water Polo—JV Boys	8721		
Water Polo—JV Girls		8541	
Water Polo—Varsity Boys	8720		
Water Polo—Varsity Girls		8540	
Wrestling	Fall	Winter	Spring
Wrestling—Middle School			8332
Wrestling—Boys (grades 9–12)	8752		8752
Wrestling—Girls (grades 9–12)	8592		8592
Wrestling—JV Boys		8751	
Wrestling—Varsity Boys		8750	
Wrestling—Varsity Girls		8590	

