# WESTRIDGE SCHOOL

Catalogue of Courses

# Graduation Requirements grades 9 through 12

English	4 years	
Cultural Studies and History	3 years:	World Views; Crisis & Courage in Global History; United States History (Honors or AP)
Mathematics	3 years	
Science	3 years:	Biology; Chemistry; one additional laboratory science course
World Languages & Cultures	3 years:	One modern or classical language
Visual Arts, Music, and/or Theatre	2 years	
Physical Education	9 units	
Human Development & The College Process	Annual participation is required	
Interim Program	Annual participation is required	
Community Action Project (CAP)	Culminating and comprehensive service project	

# Upper School grades nine through twelve

In Upper School, the focus of learning is for students to think individually and critically and to view themselves not merely as beneficiaries, but as contributors to the body of human knowledge.

As a girl advances from the 9th to the 12th Grade, classes are designed to give her increasing responsibility for her own intellectual progress and to provide her with the academic and personal skills to succeed in Upper School, college, and beyond.

The program offers balance among humanities, mathematics and sciences, visual and performing arts, technology, physical education, and athletics. In every discipline, electives and advanced courses of study allow each girl to thrive within her areas of interest and strength.

Westridge School expects students to: communicate effectively orally and in writing; analyze, solve problems, and think critically; take risks and learn from both success and failure; value intellectual passion and creativity; learn and work both independently and collaboratively. The Upper School program enables students to reach these expectations through a rich curriculum that is based in the developmental and intellectual capacities of girls at different grade levels.

Please note that students are responsible for the costs of each Advanced Placement test that they take. It is Westridge's expectation that students enrolled in Advanced Placement classes at Westridge will prepare for and take the Advanced Placement Tests for those classes. Financial aid is available to help with the cost of fees for qualifying families; please contact the business office for more information on financial assistance.

Sufficient enrollment is required for a course to be offered.

# UPPER SCHOOL English

Minimum graduation requirement, Grades 9-12: 4 years

The course of study in English introduces students to works of British, American, and World Literatures, and gives them the opportunity to engage in thoughtful, careful reading and writing. In the Upper School, the main subject of study is literature, with attention to historical context, genre, theme, and close reading methods. Student writing focuses on analytical responses to literature. Students can elect courses in Creative Writing and can also choose to enroll in the literature-based, interdisciplinary Perspectives in Literature course to fulfill their English requirement as a junior or senior (students may also take this course as an elective in addition to Honors English III or AP English IV).

#### #110 English I

### Grade 9

### one unit, one year

This course aims to develop students' ability to recognize and appreciate the power of language through careful engagement with novels, plays, poetry, and short stories. Reading works by classical and contemporary writers, students consider important themes; make meaningful connections through close reading, critical thinking, and careful writing; and begin to recognize the interconnectedness of texts. The class incorporates both discussion to encourage students' exploration of ideas and writing to support their expression of those ideas. Students learn fundamental structures, devices, and conventions of fiction, drama, and poetry; they also practice different forms of composition with an emphasis on analytical writing. Texts may include selected short stories, The House on Mango Street, The Odyssey, Antigone, Penelopiad, and Romeo and Juliet.

### #115 English II

### Grade 10

one unit, one year Incorporating literature from a variety of genres, cultures, historical periods, and points of view, and building on the skills students learn in English I, the English II curriculum provides the foundation and context for both intellectual and personal development. Organized into related groups, the readings address issues through a variety of voices and perspectives. Readings may include The Awakening, The Great Gatsby, A Raisin in the Sun, The Buddha in the Attic, Frankenstein, and Macbeth. Through close reading, structured discussion, focused writing, and guided study of vocabulary in context, students develop their ideas through written and verbal expression.

### #120 Honors English III

Grade 11

one unit, one year Incorporating literature from a variety of genres, cultures, historical periods, and points of view, the Honors English III curriculum furthers the foundation and context for both intellectual and personal development set in English II. Organized into related groups, the readings offer the opportunity to build a complex understanding of issues through a variety of voices and perspectives. Related readings may include The Scarlet Letter and In the Time of the Butterflies; The Handmaid's Tale and Sula; Othello, Heart of Darkness, Things Fall Apart and M. Butterfly. Through close analysis, student-centered discussion and frequent self-assessments, students assume greater responsibility for their written and oral expression. Working with faculty, students will also help select second semester texts.

### #156 Advanced Placement English IV

Grade 12

one unit, one year

AP English Literature & Composition (English IV) is designed to be a natural extension of the current English II and III courses. The first semester includes detailed study of Invisible Man, Hamlet, and Mrs. Dalloway. During the first semester of AP English IV, students are invited to participate in the design and selection of texts for the second semester. Working within quidelines provided by previous courses and by the faculty, students will identify goals and themes to explore in greater depth as the culmination of their experiences in English at Westridge. Previous/possible themes include Existentialism, Modernism/Postmodernism, Literature of Angeles, and Utopia/Dystopia. Recent courses have included Atonement, Oleanna, Never Let Me Go, The Day of the Locust, and Homegoing.

### **#171 Perspectives in Literature: Signs, Systems, & Codes** *Grades 11-12 one unit, one year*

This team-taught, literature-based interdisciplinary course will give students the opportunity to approach literary texts from multiple perspectives. This year's course, "Disruption," will explore literary, artistic, and historical acts of disruption in an effort to reframe these moments as generative, productive, and necessary interruptions. The course will be a wide-reaching study of banned texts, suppressed theatrical productions, exiled artists and writers, and social and historical eruptions. We will discover writers and artists from Latin America, the Middle East, the American South, and the American West (with a special emphasis on California), among other regions of the world. The English, History, and Theatre departments will partner this year, and students will get to engage in projects and assignments that pull from all disciplines as they learn and consider the ways in which these various areas of study can inform each other. By making connections and learning to "read" literary texts from multiple viewpoints, students will develop their ability to engage in truly interdisciplinary work. Some of the potential authors and artists to be studied include Toni Morrison, John Steinbeck, James Baldwin, Gabriel García Márquez, and Gabriela Mistral. Additionally, this course will provide content and context for the annual Voices in Literature and Culture conference, in which students in this course will be required to participate.

**#140** Independent Study <sup>1</sup>/<sub>4</sub> or <sup>1</sup>/<sub>2</sub> unit per semester A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC.

# UPPER SCHOOL Cultural Studies & History

Minimum graduation requirement, Grades 9-12: 3 years

Course offerings in Cultural Studies & History are intended to provide students with a clear understanding of the history of world cultures and civilizations. Emphasis is placed on seeing the connections between history and contemporary questions and issues, and students are introduced to a wide range of viewpoints in an effort to understand the richness of diverse cultural traditions, both in the United States and across the globe. Primary sources are emphasized, not only to complement the historical narrative, but as a way to promote critical and analytical thinking. In addition, students will develop their research and writing skills.

#### #211 World Views: Connections Between the Ancient and Modern Grade 9

one unit, one year This course covers the political, social and intellectual development of the ancient world. Particular emphasis is on Pre-History, India, China, Greece, Rome and the rise of Islam. Students focus on essay writing, research, and interpretation of primary sources. The course focuses on themes throughout our study that relate the material to modern day. Emphasis is on skill development in writing, graph and chart interpretation, primary source analysis, media literacy, research and oral presentation.

### #220 Honors United States History and Government

### Grade 11

one unit, one year

The Honors course covers the major periods in American history from the Colonial Era to the present. The following topics are emphasized: the American Revolution, the Constitution, Manifest Destiny, the Civil War and Reconstruction, Industrialization, Imperialism, the Progressive Era, the Great Depression, WWII, and Civil Rights. We will also learn how to think, read, and write about American history by analyzing and discussing various primary and secondary sources. The major project of the year is a research paper in the second semester.

### #221 Advanced Placement United States History

### Grade 11

one unit, one year This course covers the same scope as Honors United States History (from the Colonial Era through the 1980s) yet examines the eras in somewhat greater detail in order to prepare students to take the AP Exam in May. As they explore the narrative of each period, students read and analyze primary and secondary sources and categorize detail under general headings. Students also write essays and document-based questions covering the more important themes of American history. Finally, although there is not a large-scale research paper, students will engage in smaller, research-based projects.

#### Advanced Placement Art History #246

Grades 11-12

one unit, one year This is a broad survey of visual art work from prehistory to the contemporary. This gives us the opportunity not only to appreciate the rich variety of artistic production, including painting, sculpture, photography, printmaking, ceramics, and architecture, but to make cross-cultural comparisons, see historical influences, and consider thematic parallels. As an Advanced Placement course, it is necessarily college-level in its reading, memorization, and analytical requirements, but we are able to include in our learning methods primary source reading, museum visits, and occasional creative projects.

#### #255 **Comparative Religions**

### Grades 11-12

one unit, one year This course will explore several of the world's major religions. In the first semester, students will examine Judaism, Christianity, and Islam and in the second, Hinduism, Buddhism, and Taoism. This class will mainly involve discussion of primary and secondary sources as well as essay writing and a research project in the second semester. This is also a highly reflective course, so as students progress through the different religions, they will grapple with the personal and communal consequences of believing in God, the soul, evil, and what constitutes an ethical life.

#### The Modern Middle East: History, Culture, Society #257

### Grades 11-12

one unit, one year This course examines the Middle East from the 19th century to the present in order to develop an understanding of the context and historical roots of current struggles and conflicts (e.g., the growth of political Islam, the Israel-Palestine conflict, war in Iraq, and the recent uprisings in the Arab World). First semester is devoted to politics and economics. Second semester is devoted to culture and society, with an emphases on gender, literature, film, and popular culture. Students can expect their perceptions of the Middle East to be challenged as they read multiple perspectives and engage in lively discussion.

# 15

#### #266 **Ethics**

### Grades 11-12

one unit, one year

This course will be taught through a transdisciplinary lens with a central focus on philosophy and how ethical beliefs impact decisions in science, the arts, life and beyond. This model will engage Westridge teachers from multiple disciplines to support our exploration beyond the boundaries of social science. The course addresses both historical ethical theories and applied ethics. Readings include Plato, Aristotle, Kant, and Machiavelli. Areas of inquiry include social ethics, peace and justice, ethics and science, and personal ethical commitments. Having acquired a solid background in ethical thinking during the first semester, students will use the second semester to research current ethical issues, debate the larger ethical questions of the day, and hone their skills of analysis and discussion. The course materials will incorporate daily news stories, films, and outside speakers who will address ethical issues that occur in their professions and lives. Based on class discussions and regular written critiques of ethical issues, the course seeks to develop the ability to think critically about emotional issues and to write concisely and persuasively about topics that are legitimately controversial.

#### **Global Studies** #238

### Grades 11-12

one unit, one year In this class we will look at some of the "mega-issues" of our timethe globalization of the economy, climate change, the rise of political populism around the globe, migration and immigration, systemic racism, poverty vs. growth and development, and the connections between these issues (and more) globally. In order to provide a connected thread for the course, we will zero in on a particular geographic region each year, and the literature for the course will help us understand how that region is challenged by these mega-issues as well as unique political and social issues. This will involve exploring the connected histories of colonialism and capitalism in the region of focus. We will also focus on what is being done in response to these challenges, developing our own understanding and skills as social change agents and anti-racist thinkers and actors in the world: researching issues of personal interest, learning about people involved in humanitarian and environmental change, and honing media, writing, and analytical skills in the process.

Independent Study #260 1/4 or 1/2 unit per semester A student wishing to pursue a level of study beyond that which is offered in the curriculum may do so in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC.

#### #264 **Research in History**

### Grades 11-12

### one unit, one year • Prerequisite: concurrent enrollment in Honors US History or AP US History (11th grade); concurrent enrollment in another history elective (12<sup>th</sup> grade).

Research in History will offer students the opportunity to learn and engage with research practices in history. The course includes direct instruction in historiography (including differences in fields such as social history, cultural history, gender history, and more), forming a research question, research methods, use of archives, special collections, and databases, and use of interdisciplinary

tools (such as qualitative and quantitative methods from fields such as sociology, demography, gender studies, and critical race theory). Class time will include discussions, short lectures from the teacher, quest lectures from historians, and workshopping of students' research projects. Students will produce a significant research project on a topic of their choice with the quidance of their teacher, mentors in the field, and Westridge library staff.

#### Crisis and Courage in Global History #258

Grades 10 one unit, one year Crisis and Courage in Global History is a modern history course divided into six units, covering topics including colonialism, revolution, industrialization, war, genocide and human rights, and decolonization, all from a global perspective. Students study the larger structures of the modern and contemporary world through multiple lenses to gain perspective on the world we live in today. A goal of the course is understanding how individual people throughout the time period have confronted and navigated the complexities of their historical circumstances. Emphasis is placed on interpreting primary historical documents, developing analytical skills, and expressing historical understanding both orally and in writing. All students enrolled in Crisis and Courage in Global History have the potential to earn an Advanced Course credit (and indicated as such on their transcript) through a Challenge-by-Choice model. Students wishing to earn Advanced Course credit must complete requirements such as supplemental reading and advanced-level writing assignments in order to be eligible for this designation.

# UPPER SCHOOL **Mathematics**

Minimum graduation requirement, Grades 9-12: 3 years

The study of mathematics teaches logical thinking and clear, precise reasoning. The math course sequence gives the student a thorough grounding in fundamental skills and a solid foundation for all subsequent work in mathematics, chemistry, physics and other related subjects. The department believes that all students can enjoy mathematics and learn to appreciate its inherent elegance.

Placement in mathematics courses will be determined by the department and the division director.

### #321 Geometry

### Grade 9

one unit, one year This course presents concepts of Euclidean geometry, including measurement, proofs, congruence, similarity, areas, and volumes. Students develop their problem-solving and spatial reasoning skills, with a focus on numerical applications and reinforcement of algebraic techniques. Students are also exposed to new technology through the use of computer programs.

### #324 Advanced Geometry

### Grade 9

one unit, one year This course covers all of the topics included in Geometry at a quicker pace, with more extended and abstract problems. Students will frequently synthesize multiple concepts to solve a problem and apply learned concepts to related yet unfamiliar types of situations. Additional topics may include constructions, dimensional analysis, and non-right triangle trigonometry.

### #330 Algebra II

Grade 10

one unit, one year This is a second-year algebra course in which algebraic and geometric concepts are extended with the development of functions through graphical approaches aided by technology. Emphasis is placed on linear, quadratic, absolute value, exponential, logarithmic, and power functions. There is also an introduction to discrete mathematics. Students are actively involved in developing their abilities to reason numerically and spatially, solving problems through reading, writing, speaking, and modeling. Students are exposed to technology including graphing calculators throughout the course.

### #335 Honors Algebra II and Trigonometry

### Grade 10

This is a rigorous course in second-year algebra in which algebraic and geometric concepts are extended and connected to topics in trigonometry and discrete mathematics with detailed development of functions through graphical approaches aided by technoloqy. Emphasis is placed on the nature of change as it is embodied in linear, polynomial, exponential, logarithmic, and trigonometric functions. Students are actively involved in developing their abilities to reason numerically and spatially through reading, writing, speaking and modeling, and to solve problems using a variety of approaches.

### #342 Pre-Calculus

### Grade 11

This course enables students to display, describe, transform, and interpret numerical information represented as data, graphs, or equations. It synthesizes algebraic concepts and previews calculus in its work on transforming functions and in its development of intuitive notions of limit. Specific topics include algebraic functions, trigonometric functions, graphs, and exponential and logarithmic functions.

### #345 Honors Pre-Calculus

### Grade 11

Honors Pre-Calculus includes the study of trigonometry, analytic geometry and vectors in two and three dimensions, polar graphs and equations, parametric equations, probability, sequences, and series. Emphasis is placed on theoretical concepts, deductive reasoning, mathematical modeling, and an introduction to several Calculus topics.

one unit, one year

one unit, one year

one unit, one year

#### #348 Statistics

### Grade 12

one unit, one year This course introduces four broad themes in the study of statistics: collecting data, analyzing data, probability, and an introduction to statistical inference for single-variable data. Applications to other fields of study such as business, medicine, politics, and the sciences are emphasized. Graphing calculators and hands-on simulations are used extensively throughout the course.

#### **Advanced Placement Statistics** #355

Grade 12, or Grade 11 by application one unit, one year This course covers the same themes as Statistics but in greater depth. Additional topics include binomial probability, statistical inference for two-variable data, Chi-squared procedures, and inference for linear regression. The course emphasizes selection of appropriate statistical procedures and the simultaneous use of multiple procedures in statistical analysis. As in Statistics, graphing calculators and hands-on simulations are used extensively throughout the course.

#### #349 Calculus I

### Grade 12

one unit, one year

This course will include limits and continuity, most of differential calculus (derivatives), and an introduction to integral calculus. There is an emphasis on conceptual understanding, with some review of Pre-Calculus topics, particularly visualization of functions, to support the algebraic work. Primary topics include limits, continuity, the definition of a derivative and differentiability, differentiation rules (including differentiation of many function classes), motion along a line, implicit differentiation, extrema and concavity, and optimization. There will be significant emphasis on understanding the connections between the graphs of the original function, the first derivative, and the second derivative. The introduction to integrals includes definite integrals, antiderivatives, Riemann sums, and the Fundamental Theorem of Calculus.

#### #350 Advanced Placement Calculus (AB)

Grade 12 one unit, one year This course covers the topics of a first semester college calculus course. Content includes functions, limits, derivatives, differentiable equations, integrals of algebraic and transcendental functions, methods of integration, and applications of the derivative and the integral.

#### #351 Advanced Placement Calculus (BC)

### Grade 12

one unit, one year

### • Prerequisite: Honors Pre-Calculus

This is a rigorous and fast-paced course which covers all of the topics of AP Calculus AB (#350) in addition to many others. Additional concepts include evaluating logistic growth, finding curve length, constructing Taylor series, testing for convergence, solving improper integrals, and applying calculus to parametric, vector, and polar functions. Advanced integration techniques such as integration by parts and partial fraction decomposition are also included.

#### #360 Independent Study

 $\frac{1}{4}$  or  $\frac{1}{2}$  unit per semester

A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC.

# upper school Science

Minimum graduation requirement, Grades 9-12: **3 years Biology, Chemistry, and one additional laboratory science course.** 

AP and honors courses are more demanding; therefore AP and honors students must be highly motivated and show an ability to take responsibility for achieving in-depth understanding of the material.

The curriculum provides instruction in a wide variety of natural sciences and all courses are analytical and laboratory based. Experimentation is designed to complement lecture material and to develop skills in techniques, analysis, and equipment use. The overall goals of the department are to provide a foundation in the fundamental skills of the disciplines of science, to promote interest in science, and to foster an appreciation of the importance of science in society.

### #433 Biology

[Laboratory science] *Grade 9* 

*Grade 9* one unit, one year This introductory course in biology examines evolution, cell and molecular biology, human genetics, and ecology. Emphasis is placed on refining study skills and preparing students for science in the Upper School. Students complete all work in a comprehensive notebook which serves as an organizational and informative tool for the year. Laboratory work develops skills of inquiry, observation, problem solving, and analysis.

### #417 Chemistry

[Laboratory science] *Grade 10* 

*Grade 10* one unit, one year This introductory course in chemistry emphasizes important topics in general chemistry, including atomic structure, the periodic table, chemical bonding, states of matter, reaction types, stoichiometry, gas laws, acids and bases, behavior of solutions, equilibrium, and kinetics. Laboratory work and quantitative problem-solving are important components of the course.

### #430 Honors Chemistry

[Laboratory science] *Grade 10* 

### • Required: Concurrent enrollment in Honors Algebra II

This is a challenging course in general chemistry. Topics include those covered in Chemistry #417 plus quantitative aspects of reaction rates, equilibrium, and electrochemical systems. Laboratory work and problem solving are important components of the course.

### #432 Advanced Placement Chemistry

[Laboratory science] Grades 11-12 one unit, one year • Prerequisite: Honors Chemistry; or Chemistry with additional summer work and departmental approval

• *Required: Concurrent enrollment in Honors Pre-Calculus or completion of Pre-Calculus* This is a very challenging course, equivalent to a first year college course, that teaches advanced principles of chemistry and laboratory skills and provides students with the preparation to take the AP Chemistry exam. Topics introduced in Chemistry are studied in more detail and emphasis is placed on laboratory work. This class requires students to be self-motivated and able to work a significant number of challenging problems requiring strong logical and mathematical skills.

### #435 Advanced Placement Biology

[Laboratory science] Grades 11-12 AP Biology is a rigoro

one unit, one year

one unit, one year

AP Biology is a rigorous course that is equivalent to a two-semester college introductory biology course. Through lab and course work, students will work on developing advanced inquiry and reasoning skills. A wide range of topics will be covered, from cellular and molecular biology to evolutionary processes. This course is designed to prepare students for the AP exam.

### #440 Physics

[Laboratory science]

Grades 11-12

one unit, one year

This is an introductory Physics course emphasizing how Physics relates to the phenomena of everyday life. Conceptual reasoning and problem-solving are stressed through laboratory experiments and projects, some involving electronic data collection. Topics include Newtonian Mechanics, Waves, Optics, Heat and Thermodynamics, Electricity and Magnetism, Relativity, and Particle Physics. Students will have input on which topics will be covered each year.

#### #441 **Honors Physics**

[Laboratory science] Grades 11-12

one unit, one year

### • Required: Concurrent enrollment in Honors Pre-Calculus or completion of Pre-Calculus

Honors Physics provides students with a challenging, computational, algebraic approach to introductory physics principles. Topics covered will include Mechanics, Electricity & Magnetism, Waves & Optics, Heat & Thermodynamics, and Modern Physics. Laboratory experiments will be an integral part of the course and will be conducted regularly. Major skill emphasis will be on problem solving and logical thinking.

#### #443 **Advanced Placement Physics C**

[Laboratory science] Grade 12

one unit, one year

### • Required: Concurrent enrollment in Calculus AB or BC

This is a rigorous, college-level, calculus-based physics course that covers Classical Mechanics (Kinematic Motion, Newton's Laws, Momentum, Energy, Rotational Motion, Gravitation, and Oscillation). Additional topics in other areas of introductory Physics may be covered, time permitting. Conceptual reasoning and problem solving are strongly emphasized. Additional emphasis will be placed on experimental design and technique as well as on formal, technical writing via formal lab reports. This course prepares students for the Advanced Placement "Physics C: Mechanics" exam.

#### #445 Anatomy and Physiology

[Laboratory science]

Grades 11-12 one unit, one year This year-long course focuses on human anatomy and physiology. Applications of course topics in the fields of medicine and scientific research are explored. Organ systems are studied by relating the nature of anatomical structures to their physiological functions. Lab work includes dissection of representative vertebrates including cats, frogs, and fetal pigs.

#### #446 Field Studies in Geology

### [Laboratory science]

Grades 11-12

one unit, one year This course is designed to explore the connections between physics, chemistry, and biology from a geologic perspective. Students begin to understand the geologic story of the planet as they explain and interpret data from a variety of sources. This course will also inform and train students in field study practices, including the collection of samples, measurements, and data that are used in class laboratory exercises. Students are required to participate in several field study experiences in different locations around the state, including one overnight camping excursion.

#### #458 **Environmental Engineering**

[Laboratory science] Grades 11-12 one unit, one year This course will help students understand the fundamental role the environment has in all aspects of human survival and the impacts that humans have had on the Earth. Climate change and sustainability will be discussed throughout the course, as we look at the topics of ecosystems, biodiversity, land and water use, populations, pollution and both renewable and non-renewable

energy resources. Each semester will be accessed through extended research investigations and will provide project-based learning experiences. In first semester we will create microenvironments in the form of self-sustaining eco-columns, where data will be collected weekly and findings presented at the end of semester. In second semester students will use what they have learned during the course to research and analyze data on an environmental issue of their choice.

#### #463 **Ecology and Evolution**

[Laboratory science]

Grades 11-12 one unit, one year This course focuses on the processes of evolution and the patterns generated by these processes. We will seek explanations for such patterns of diversity and for the apparent "good fit" of organisms to their environment. Topics covered include elementary population genetics, the theory of evolution by natural selection, concepts of fitness and adaptation, genetic and developmental bases of evolutionary change, modes of speciation, molecular evolution, principles of systematic biology, paleontology, and macroevolutionary trends in evolution, extinction, and human evolution.

#### #447 **Research in Science** Grade 12

one unit, one year

### • Prerequisite: Completion of three years of laboratory science and completion of, or concurrent enrollment in, a fourth laboratory science course.

This is a senior level course that combines independent research in a laboratory setting with the fundamental skills involved in selecting a research topic, conducting a literature search, carrying out scientific experimentation, and analyzing and reporting scientific results. Students will be paired with a professional researcher and will be expected to carry out a significant piece of independent work in the context of that laboratory. Students are expected to spend 6-8 hours per week involved in work in the laboratory in addition to one formal class meeting at school. A formal presentation of the research project will occur in the spring.

#450 Independent Study  $\frac{1}{4}$  or  $\frac{1}{2}$  unit per semester A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. This study must have a laboratory or field study component. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC.

# UPPER SCHOOL World Languages & Cultures

Minimum graduation requirement, Grades 9-12:

## 3 years in one language

The overall goals of the World Languages & Cultures Department are guided by the belief that mastery of a language consists not only in passive understanding, but also in the ability to communicate actively in the target language. For this reason, even the beginning classes in Mandarin Chinese and Spanish are conducted in the language as much as possible. Latin courses focus on translation skills and transference of grammar, vocabulary and analytical understanding. At all levels, courses are designed to foster awareness of the cultures of the Chinese and Spanish speaking communities and the ancient Roman world.

Placement in language classes will be determined by the department and the division director, and will be based on a combination of the student's choice, her work habits as demonstrated in earlier classes, her intellectual readiness, her proficiency, and her interest in the subject.

Students may enroll in a second world language upon departmental approval.

# Latin

### #537 Latin I

Grades 9-12

Latin I is designed to introduce students to the basics of Latin grammar, vocabulary, syntax and structure. Throughout the year, we will examine English derivatives from Latin roots, discuss English and Latin grammar and syntax, and learn about Roman history, daily life and culture. Much time is devoted to the process of translating from Latin into English and in developing analytical skills. Students will gain membership into the California Junior Classical League and Westridge Latin Club.

### #550 Latin II

### Grades 9-12

one unit, one year Students continue their study of Latin grammar, vocabulary and syntax. By the end of the course, students will have completed their formal introduction to all of the major grammatical constructions. They then transition to reading Latin prose selections. Through a close reading of Latin text, points of grammar and syntax are reviewed and students hone their analytical skills. Students will gain membership into the California Junior Classical League and Westridge Latin Club.

### #553 Latin III

Grades 9-12

After completing a thorough review of all Latin grammar and syntax, students delve into primary source reading selections from Julius Caesar (Commentaries), Cicero (Catiline) and Ovid (Metamorphoses). The readings and their genres (historical commentary, oratory and epic poetry in meter) are discussed within their literary and historical contexts. Additional topics will be explored throughout the year, such as ancient Greek language, botany, astronomical terminology, anatomy and Latin's influence on popular culture.

### #554 Latin IV Vergil — From Olympus to the Underworld

Grades 11-12

one unit, one year Latin IV Vergil will concentrate on Vergil's Latin masterpiece, the Aeneid. As the state poem solidifying Rome's power, originating from its founding, the Aeneid (which is considered the height of "Golden Age" Latin) is mythological in content. This course will read significant segments of the text, focusing on content used for political and patriotic motives for the emperor Augustus. In addition to translation, vocabulary, meter (dactylic hexameter), and rhetorical devices (which students see in English classes), this course will offer students in-depth study of epic in the original language, historical literary propaganda, Vergil's influence on later authors, visual (e.g., paintings) depictions of the myths, and exposure to academic articles, research, and recent developments in Latin. Students will read approximately 20 lines of the Aeneid per assigment (about 60 minutes), read an English translation (supplied by instructor) for sections not read in Latin, and engage in a possible range of projects, research, and presentations.

Students who wish to pursue the Advanced Placement syllabus in order to sit for the AP Latin exam will meet outside of classtime with the instructor, complete extra translations, and practice AP-style sight reading, essays, and multiple choice samples.

### one unit, one year

one unit, one year

### #556 Honors Latin V: LARES

Grade 12 one unit,

one unit, one year

A comprehensive course in Latin that surveys several genres, authors and time periods from early Latin, Imperial, Medieval and Renaissance Latin periods. Works may include Roman comedy, lyric poetry, mythology, philosophy, history, and both scientific and political treatises. As in Latin IV, students thoroughly examine each work via language structure, word choice, figures of speech, and meter. In addition, students will consider the literary, historical and scientific influence these documents have had on our world.

# Spanish

### #560 Spanish I

### Grades 9-12

one unit, one year

Spanish 1 provides a solid foundation for the study of Spanish language and culture. The course introduces students to basic communication skills in real life situations by providing them with vocabulary, cultural information, and basic grammatical structures. Students also learn about the origins of Hispanic and Latin American culture. The class is conducted in Spanish. It is a skills-based course requiring independent practice on the part of the student at home, and emphasizing oral communication in class. Students are provided with ample practice I n pronunciation, conversation, and composition, with an emphasis in communicative skills.

### #565 Spanish II

Grades 9-12

one unit, one year

In Spanish 2, students will continue to build on and reinforce their knowledge of Spanish grammar, refine their pronunciation, expand their vocabulary and cultural awareness, and increase their confidence in speaking and writing. The class is conducted in Spanish. Projects and presentations involving Hispanic culture help develop insight and awareness. This course requires independent practice on the part of the student at home, as well as complete engagement in the classroom in order to understand the material provided (short stories, videos, etc.) and apply it when using the language, making connections across communities.

### #570 Spanish III

### Grades 9-12

one unit, one year

In Spanish 3, students learn to communicate about the environment, daily errands and city life, health and well-being, the workplace, current events, arts, and the media. Through study of the subjunctive and compound tenses, students increase the complexity of their Spanish skills and have opportunities to apply their learning in a broad range of cultural lessons. Students will also research and present about a range of issues related to the course themes in Spanish-speaking world and in their own communities. This class depends upon students developing their independence, exploring topics of interest beyond the textbook, and integrating use of Spanish into their daily

### #576 Spanish: El Mundo Hispanohablante

one unit, one year

### • Prerequisite: Spanish III

Grades 10-12

This course will present an in-depth exploration of the history, culture, traditions, fine and performing arts-paintings, theatre, dance, film-literature, political structure, religion, and a push for a more global view of current events of the Spanish-speaking world. Students will broaden their reading of literature, hone their spoken and written Spanish while engaging in animated dialogue with classmates and members of the Spanish speaking community. This course will provide an interdisciplinary approach to language study that will allow students to solidify skills learned in Spanish I, II, and III. Thematic blocks of study will include: Indigenous cultures in the Americas, colonialism, and American Imperialism as reflected in art, literature, music, and film. Students will have the opportunity to focus on current events affecting the Hispanic and Latinx population in the United States and globally, such as the immigration crisis and reform, economic development, education, displacement of indigenous communities, classism, racial discrimination, socioeconomics, gender studies, and the environment. The course will be taught entirely in Spanish; students will communicate only in the target language. This course will serve as the preparation for the Advanced Cultural Studies and Literature in Spanish courses, but also may be taken concurrently with them.

### #573 Identity, Borders, and Revolutions: Advanced Cultural Studies in Spanish

Grades 11-12

one unit, one year

### • Prerequisite: El mundo hispanohablante

This class offers an in-depth interdisciplinary exploration of major historical and contemporary issues through film and other media from the Spanish-speaking world. The course consists of thematic modules that allow students to examine a variety of cultural representations of real-world themes and contexts, including borders, human geography/the environment, economic trends, political movements, complex identities, armed conflict, and historic memory. Each unit centers on a primary film and complementary texts. Each unit also draws connections to contemporary social movements and community organizations for real-world impact. This course complements the Spanish curriculum by providing students with the opportunity to improve their advanced Spanish-language skills while increasing their deep knowledge of cultures and cultural products from Spain and the Latin American region. It will be taught entirely in Spanish and students will be expected to speak Spanish during class.

### #579 Literature in Spanish

Grades 11-12

one unit, one year

### • Prerequisite: Spanish: El Mundo Hispanohablante

This is a seminar course, conducted entirely in Spanish, that explores the poem, the short story, the novel, and the drama using significant examples from Spanish and Latin American writers. Students view film treatments of several of the works that are read. In addition to the readings, students are required to do a research paper second semester in which they further explore issues presented in the class.

# Mandarin Chinese

### #585 Mandarin Chinese I

*Grades 9-12* one unit, one year Mandarin Chinese I introduces students to basic communication skills. Students build a vocabulary that reflects daily contact with the world around them and are introduced to basic grammatical structure, the pinyin phonetic system, tones, the concept of radicals, basic strokes, and proper stroke order. In addition, students are provided ample practice in pronunciation, conversation, and writing of characters. Awareness of Chinese culture is emphasized.

### #587 Mandarin Chinese II

Grades 9-12 one unit, one year Mandarin Chinese II provides students with the skills to continue to develop communication skills by acquiring more grammar, vocabulary words, radicals and character writing. Students are provided with ample practice in pronunciation, conversation and composition to increase their proficiency in the language. Awareness of Chinese culture is emphasized.

### #589 Mandarin Chinese III

*Grades 9-12* one unit, one year In Mandarin Chinese III, students continue to learn more complex grammatical structures. In addition, students continue to expand their vocabulary. Class instructions are entirely in simplified characters. Textbooks are printed in both simplified and traditional characters to allow students the opportunity to read in both forms. Listening and speaking skills are emphasized. This course is also supplemented with discussion of Chinese culture and Chinese films.

### #591 Mandarin Chinese IV

*Grades 10-12* one unit, one year In Mandarin Chinese IV is a continuation of Mandarin Chinese III with emphasis on listening, speaking, reading and writing short essays. Students continue to expand their vocabulary. Class instructions are entirely in simplified characters. Textbooks are printed in both simplified and traditional characters to allow students the opportunity to read in both forms. This course is supplemented with Chinese readers, Chinese contemporary literature, and Chinese films.

### #593 Advanced Placement Mandarin Chinese V

*Grades 11-12* one unit, one year AP Chinese Language and Culture course is a full-year course which is designed to provide students with various opportunities to further improve their proficiency in listening, speaking, reading, and writing skills. Students enrolled in this course will also have the maximum exposure to Chinese cultural elements that are integrated in the process of learning the language.

**#580 Independent Study** <sup>1/4</sup> or <sup>1/2</sup> unit per semester A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC. Minimum graduation requirement, Grades 9-12: 2 years (in visual arts, music, and/or theatre)

The Visual Art Department offers classes in a wide range of art media including drawing, painting, ceramics, digital media, and photography. All classes refine students' knowledge and implementation of formal art concepts such as line, pattern, volume, balance, positive and negative space, texture, color, and symmetry. Students are exposed to art forms from various cultures. Courses encourage communicating ideas and concepts using visual language and developing hand-eye coordination. Emphasis is placed on independent and flexible thinking, a disciplined work ethic, risk-taking, and perseverance. The *department provides in-depth* art classes for students with varying levels of interest and degrees of skill.

#### #621 Painting / Drawing I

### Grades 9-12

This course presents elements of design, composition, color and perceptual drawing. Students begin building their skills with an emphasis on drawing. A range of approaches to image making employ media such as ink, graphite, charcoal, and non-traditional markmaking tools, in addition to the inclusion of some tools of technology. Drawings are used as the basis for or in combination with paintings in acrylic and watercolor. The class format includes studio activity, lectures, demonstrations, discussions, group critiques, and field trips. Students also keep a sketchbook. Assignments reinforce concepts covered in class and provide an opportunity for more independent work.

#### #622 Painting / Drawing II

### Grades 10-12

### • Prerequisite: Painting / Drawing I

Concepts and skills introduced in Painting/Drawing I are explored in greater depth and complexity in Painting/Drawing II. While working within structured projects in mixed media, oil, and acrylic, students begin to develop personal imagery and work more independently. Non-traditional materials are also introduced. Exposure to art history, contemporary art, and art from many world cultures through field trips, artist visits, and class discussion are included in the course to develop recognition of quality and critical thinking skills in written and oral work, as well as in the student's own projects. Artwork may be used to build a portfolio for college application purposes.

#### Photography I #630

### Grades 9-12

This course covers the technical aspects and aesthetic principles of black and white photography while accentuating elements of composition, value, line, and pattern. The class details how to use a manual camera, process film, make photographic prints in the darkroom, and create digital images. Increased aesthetic awareness of the visual qualities in nature, works of art, events, and objects within the environment are emphasized. Students work toward a final portfolio that reflects their ability to sustain a concept, and clearly communicate through visual language. Class consists of lab time, class lectures, critiques, and field trips. A 35mm camera with manual capability is highly recommended.

#### #631 Photography II

Grades 10-12

### • Prerequisite: Photography I

This course emphasizes defining a visual vocabulary and strengthening fluency in aesthetic expression through the use of a variety of photographic technologies from the 19th, 20th, and 21st centuries. Students refine black and white printing and film exposure skills and learn advanced digital techniques, of color photography, and alternative photographic processes. Assignments include creating extended bodies of work that explore a unifying theme and sustain a vision while communicating complex concepts. Class consists of independent lab time, class lectures, critiques, and field trips. Artwork may be used to build a portfolio for college application purposes. A 35mm camera with manual capability is highly recommended.

#### Time-Based Art #636

### Grades 9-12

one unit, one year This course will introduce a range of art practices where the manipulation of time is an essential element. The durational components include film and video, animation, sound and performance. The course will provide hands-on experience with cell phones as a recording device, DSLRs and supplementary recording and lighting equipment, stop motion paper and object animation, and using editing software Adobe Photoshop, Adobe Premiere and FinalCut Pro, as well as open-source tools IStopMotion and Audacity. The class incorporates lectures, demonstrations, exercises, readings, screenings, research, critiques, and discussion. This course satisfies the art requirement.

### one unit, one year

one unit, one year

one unit, one year

one unit, one year

#### #639 3D Design I

Grades 9-12

one unit, one year

one unit, one year

This course introduces students to foundational concepts in modeling and sculpting. Students develop skills in 3D construction, creative problem solving, computer assisted design, and gain an understanding of the design thinking process. Students work with a variety of sculptural materials and techniques, and projects concentrate on the elements of form, structure, and surface. Students learn 3D modeling software, 3D printing and other digital fabrication methods, balancing this against handskill development in traditional practices such as wood-working, casting, fiber arts and clay sculpting.

#### #638 **3D Design II**

Grades 10-12

### • Prerequisite: 3D Design I

The 3D Design II course builds upon foundational concepts and skills developed in 3D Design I, allowing for greater depth and complexity and new investigations. Students work more independently and explore non-traditional materials and techniques. Much of the coursework revolves around the concept of Dichotomy- projects investigate dualistic notions of topics like: messy/clean, handmade/digital, mind/body, inside/outside. Students work with a wide range of materials including wood, cardboard, clay, plaster, found objects and 3D printed plastic. An expectation of a higher level of resolution of the work allows the possibility for 3D Design II work to be used in portfolio or college application purposes.

#### #640 Journeys in Film

### Grades 9-12

one unit, one year This interdisciplinary course teaches film literacy through an intensive exploration of 5 films rotated each year, with a dual focus on students developing an understanding of film with greater depth and appreciation, and students creating work informed by the varied perspectives from which a film can be examined. In so doing, students synthesize meaning and orient each film in the broader context of film history and cultural discourse. The course format includes screenings, guest lecturers and artist presentations, readings, field trips, group study, critical discussions, all guiding students to develop work constructed from a range of perspectives. The student work produced will be as diverse as poetry, film score, painting, photo montage, critical reviews, scene creation and performance. The goals of the class are for students to engage with film as an expressive medium and an inherently interdisciplinary and collaborative artform, as a springboard for student-centered exploration and artistic production; and to develop a visual literacy and competence, beyond mere consumers of imagery, becoming critical viewers and thinkers with their own distinct viewpoints.

#### #646 Ceramics I

### Grades 9-12

one unit, one year

This course includes elements of design and composition through the coil construction of large-scale vessels or non-utilitarian forms. Emphasis is placed on surface design, utilizing carving, bas relief, and glaze. In the second semester, project assignments involve new concepts, increased Ceramics I skills, and a wider range of surface treatment including color and texture. The class format includes studio activity, lectures, demonstrations, discussions, and group critiques.

#### #650 **Clay Sculpture**

Grades 10-12 one unit, one year This course develops skill in modeling the human head in clay. Emphasis is placed on achieving actual scale and proportion, observing accurately, and capturing the personal qualities of the subject. Color and surface texture are considered. The second semester encourages the discovery of the ceramic medium. Natural/organic forms, architectural elements, and human/animal figurative sculpture are explored. The class format includes studio activity, lectures, demonstrations, discussions, and group critiques.

#### #651 **Clay Design and Engineering I**

Grades 9-12 one unit, one year This art course develops the engineering and design skills needed to work with clay on the Potter's Wheel. Wedging and centering are learned, followed by practicing throwing techniques, such as creating cylindrical forms. Various utilitarian vessel shapes are designed to be both functional and to convey ideas, themes, and concepts. These forms are investigated through emphasizing mass, proportion, texture, contrast and color. The class format includes studio activity, lecture, demonstrations, discussion, and group critiques.

#### #652 Clay Design and Engineering II

Grades 11-12 one unit, one year This course further develops throwing skills and investigates new ways of using them. Increased scale of the forms, innovative surface treatment, form alteration/distortion, and inventive use of appendages are emphasized. Artwork may be used to build a portfolio for college application purposes.

#### #667 Advanced Art Studio and Seminar

Grades 11-12

one unit, one year • Prerequisite: Two years of Art fulfilled by any two Art Department courses. All applicants must submit an art portfolio in the spring for review by the Art Department to determine each student's enrollment in Advanced Art Studio and Seminar.

Advanced Studio Art and Seminar is a junior and senior year studio art course for students who wish to expand and refine their fluency in visual expression and build upon beginning and intermediate visual art classes. The primary focus of the class is the production of a cohesive body of artwork informed by experimentation and art theory. Students determine the media that best supports their concepts and ideas through a process of research, testing, and learning from art historical and contemporary examples. Art making is reinforced by comprehensive critiques, in-depth discussions of art theory, field trips to museums and galleries, quest artist visits and conversations about current art topics. Emphasis is placed on independent and flexible thinking, a disciplined work ethic, risk-taking and perseverance. Students interested in creating and submitting and AP Art Portfolio will be supported in this class, but portfolio creation and submission is not a class requirement.

#### #668 Advanced Art Studio and Seminar II Grade 12

### • Prerequisite: Advanced Art Studio and Seminar I

This course focuses on the development of a portfolio of advanced visual artwork, balanced with investigations into contemporary art and art theory. Materials, themes and methods build upon work completed in Advanced Studio and Seminar I

one unit, one year

with an expectation of deeper analysis of contemporary art topics and a higher level of polish and resolution of finished work, allowing it to be used for portfolio or college application purposes. The self-directed, exploratory nature of this course requires strong self-motivation and discipline and an ability to follow through on creative goals.

**#669** Independent Study <sup>1/4</sup> or <sup>1/2</sup> unit per semester A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC.

# UPPER SCHOOL Music

Minimum graduation requirement, grades 9-12: 2 years (in visual arts, music, and/or theatre)

Westridge seeks to provide opportunities for students to express themselves through music as their talents allow, to learn to enjoy a variety of musical experiences and to be introduced through instruction to the structures and disciplines of music. Consequently, scheduled classes are only the core of a wider year-long schedule of concerts and recitals featuring professional and student performers in formal and informal settings. Courses are designed to establish a firm basis in classical training, style and repertoire as the foundation for study and performance in the other areas of contemporary and popular music.

#### #687 The Music Enigma

### A non-performance music class.

### Grades 9-12

one unit, one year Music is all around us, it fills a space in almost every waking moment. Most students have heard and know something about music. This knowledge and the sounds students are familiar with become the springboard for them to explore and deepen their musical knowledge. From "sounds to music" is the expanse of music education, where students can be thrilled at the discovery of feeling the sound of banging against a hubcap with a mallet to experiencing the visceral sound of Beethoven's "Fifth Symphony "on YouTube. This class exposes students to the vast array of material we call "music." This exposure includes teaching the building blocks of music; developing an appreciation of the music that has been written and is being written; understanding the personalities that both compose and perform this music; and finally, trying to make music themselves. It is easier than you might imagine!

#### #689 Chorale

### Grades 9-12

one unit, one year

If you have questions about which class, Intermediate Choir - Dulces Voces, or Chorale, is the best for your needs, please speak with the instructor.

The Chorale is designed to teach fundamental (basic) music and singing skills to students in a choral context. It is designed for students who have some to no knowledge of singing and have limited musicianship. It is the best class for those students who have had only 0-4 years of piano instruction. In the first semester, the students learn to read music and understand rhythmic notation by doing a variety of written assignments along with singing various unison and two-part choral pieces. During the second semester, threeguarters of the class is spent preparing for a brief springtime performance of five to six pieces and the other class time is spent learning about music history, analyzing choral scores and listening to recordings. The class is appropriate for those students who do not possess the prerequisite skills for Intermediate Choir - Dulces Voces, or Glee Club and who want to fulfill the music requirement without a lot of performance pressure. It is possible to use this class as a stepping stone to prepare to audition for Glee Club.

#### #684 **Dulces Voces**

Grades 9-12

one unit, one year

one unit, one year

### Strongly recommended for those students who need additional help to meet the prerequisites for Glee Club and audition successfully for that ensemble.

Dulces Voces is an ensemble that values singing together. The class encourages all students to join to sing choral songs. It is a class that is joyful, encouraging all to participate without regard for their skill or expertise. The class explores various types and styles of music by singing and listening to other choral ensembles sing. A sense of wellbeing is generated by singing together and participating in an activity that encourages cognitive, physical, emotional, and spiritual growth. Above all it is a class that aims to uplift and support a person's health and wellness. The class will focus on developing individual's voices, their ability to read music, and their musical ear. These goals will be accomplished simultaneously through the act of singing together, listening, and learning to pay attention to what is important and what is not. It will be an exhilarating experience for all students. I look forward to seeing you next year in Dulces Voces.

#### **Glee Club** #686

Grades 9-12

### • Audition required

### • Prerequisite: A clear vocal quality and the ability to match pitch, tap rhythms, and sight sing.

Glee Club is an auditioned group designed to provide its members enjoyment of choral music consisting of repertoire from the past four centuries, exposure to the discipline necessary to produce a high standard of performance and the opportunity to perform in concert during the school year. Musicianship skills are enhanced by sight singing and tapping rhythms on a regular basis. Dress rehearsals and performances are mandatory and are necessary for completing the course requirements.

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### #685 String Orchestra

### Grades 9-12

### one unit, one year

The Intermediate Orchestra is designed to develop the musical and orchestral skills of students who have already played an instrument and have basic musicianship skills. Students will develop their musicianship through studying music theory, reading and playing music from classical and non-classical genres, and learning how to adjust their playing in the context of the ensemble. This class is appropriate for students who do not meet the prerequisite musicianship for Upper School Chamber Orchestra and want to further enhance their ensemble skills. Additionally, successful participation in the class can serve as a pathway to the Upper School Chamber Orchestra. Depending on the development of the ensemble, this class may have the opportunity to perform in a concert during the second semester. This class is also for students who need to fulfill the music requirement and already have basic musicianship. Students may re-enroll in this course on a yearly basis.

### #670 Chamber Orchestra

Grades 9-12

one unit, one year

• Auditions required

• Instrumentation — strings (violin, viola, cello, bass); woodwinds (flute, clarinet, oboe, bassoon); brass; piano; percussion

• Prerequisite – For strings: any three-octave major and melodic minor scale with good tone and intonation. For woodwinds and brass: any two-octave major and melodic minor scale with good tone and intonation. In addition, all students will prepare a solo of their choice and be prepared to sight-read a short excerpt.

This ensemble is an auditioned group that provides its members with the opportunity to study and perform music from classical and non-classical genres at an advanced level. Students will learn the skills and discipline necessary to achieve a high standard of performance in the context of an orchestra. They will continue to develop their musicianship through the study of music theory and analysis. Dress rehearsals and performances are mandatory and are necessary to complete the course requirements. Students may re-enroll in this course on a yearly basis.

**#698** Independent Study <sup>1</sup>/<sub>4</sub> or <sup>1</sup>/<sub>2</sub> unit per semester A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department and CASC. Minimum graduation requirement, grades 9-12: 2 years (in visual arts, music, and/or theatre)

The Westridge Theatre Department offers courses in acting and theatre production as well as elective courses in costume and tech theatre. Courses are designed to foster creative expression, intellectual curiosity, collaboration, critical thinking, imagination, and risk-taking both on and off stage. Through in-depth analysis of classical and contemporary texts, students will gain a deeper understanding of not only the dramatic arts, but also the human condition. Emphasis is placed on creating opportunities for students to thrive as both interpretive and generative artists. While developing strong foundational skill and technique within the art form, students will also cultivate within themselves a greater sense of integrity, compassion, resilience, confidence, leadership, and empathy. The study of theatre at Westridge transcends the personal and connects the artist to the world around her.

### #681 Acting I

### Grades 9-12

one unit, one year

Students will approach the dramatic arts through acting, directing, design, playwriting, and critique. Throughout the course students will explore the theatrical process, gaining the creative confidence necessary to independently devise, rehearse, and present works of theatre. Course content will require students to analyze and respond to theatrical works from diverse historical and cultural contexts. The course will particularly focus on 1) sharpening acting skills through the study of various theatrical styles and acting techniques, and 2) refining the collaborative and communicative tools used among theatre artists to authentically and confidently realize artistic expression through theatrical performance. Students will utilize monologues from plays, scenes from stage and screen, and group devising projects to investigate dramatic structure and theatrical technique. Students will also investigate the possibilities of various kinds of work in the professional theatre, both on and off stage.

### #682 Theatre Production

Grades 10-12

one unit, one year

# • Prerequisite: Completion of any Westridge theatre course (including Middle School electives, Acting I, or tech) or participation in one Westridge theatre production working on or off stage.

The Theatre Production course is designed for students who already have some theatre experience, either on or off stage, and who are interested in learning more about the business of show business. Acting I students are encouraged to continue into this course, but this is not only an acting course. In addition to performance, students will also focus on the behind-the-scenes work that goes into producing theatre. Throughout the year, students will learn about the various roles and responsibilities held within a small theatre production company, including directing, design, advertising, communication, dramaturgy and more. Students in this course will have the opportunity to truly take command of the Westridge Theatre production process, guiding decisions about everything from marketing materials to audience relations and even Westridge Theatre season selection. While students in this course will significantly influence the extra-curricular theatre season, no after-school commitment is required.

### #698 Independent Study in Theatre

1/4 or 1/2 unit per semester

A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor and her proposed course of study must be reviewed by the department & CASC.

## UPPER SCHOOL Computer Science

### #855 AP Computer Science A

Grades 10-12

### • Required: Concurrent or completion of Algebra II.

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. While there is no requirement to do so, most student will take AP Computer Science Principles before taking this course.

### #897 AP Computer Science Principles

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students will primarily learn HTML, CSS, and JavaScript in this course. While there is no requirement to do so, most students will take this course prior to taking AP Computer Science A.

### #898 Independent Study

A student wishing to pursue a level of study beyond that which is offered in the curriculum may enroll in an Independent Study. The student must have a faculty sponsor, and her proposed course of study must be reviewed by the department and CASC.

### #857 Full Stack Web Development

This course, which will run concurrently with APCSA for the 2022-23 school year, but is intended to replace it for the 2023-24 school year, will provide students with the resources, support, and confidence to become full stack web developers. A full stack developer is someone who works with the back end, or server side, of the application as well as the front end, or client side. Full stack developers need to possess skills in a wide variety of coding niches, from databases to graphic design and UI/UX management in order to do their job well. This course will focus on the MEAN stack, which is comprised of MongoDB, Express, AngularJS, and Node.js, technologies which power companies such as Microsoft, Google, PayPal, and Walmart. The MEAN stack allows for the use of a single language, JavaScript, throughout the entire development process, though we will also introduce TypeScript. At the conclusion of the course, students will have the ability to solve just about any general-purpose computing task. Completion of APCSA, or APCS Principles with teacher recommendation, is required for enrollment.

# upper school Economics

### #359 Economics

### Grades 11-12

one unit, one year

Economics is the study of how people manage resources. One of the foundations for economic theory is that these resources are limited, and mechanisms are needed to allocate them. This course will emphasize microeconomic topics, exploring decisions made by individuals and companies, including supply, demand, trade, and market efficiency, as well as deeper philosophical questions about the purpose of money. The latter portion of the course will be a study of macroeconomics, or how scarce resources are allocated at the national and international level, including current issues such as unemployment, inflation, taxation, and exchange rates. A personal finance component will also be threaded through the course.

one unit, one year

 $\frac{1}{4}$  or  $\frac{1}{2}$  unit per semester

# UPPER SCHOOL Athletic Program

Westridge values the educational goals of athletic participation and strives to afford each girl the opportunity to be a part of the athletics program while balancing competitive intensity. The Frosh/Soph and junior varsity levels can include novice participants while varsity sports remain highly competitive. Girls are encouraged to participate in athletics as it is important part of a well-rounded education. The Upper School holds membership in the California Interscholastic Federations of the Southern Section (CIF-SS), and competes in basketball, cross country, golf, lacrosse, soccer, softball, swimming, tennis, track and field, volleyball, and water polo. Westridge competes in the Prep League which includes: Chadwick, Providence, Flintridge Prep, Mayfield Senior, Polytechnic, and Rio Hondo Prep. The Westridge Equestrian team participates in the Interscholastic Equestrian League (IEL). Students receive credit through enrollment in Physical Education Equivalent.

Freshman/Sophomore Team		Varsity	
#741	Volleyball	#709	Cross Country
		#712	Tennis
Junior Varsity		#714	Volleyball
#713	Tennis	#716	Basketball
#715	Volleyball	#718	Soccer
#717	Basketball	#720	Swimming
#719	Soccer	#721	Softball
#723	Swimming	#724	Lacrosse
#740	Cross Country	#725	Track & Field
#739	Water Polo	#730	Golf
#743	Lacrosse	#733	Water Polo

# UPPER SCHOOL Physical Education

Minimum graduation requirement, grades 9-12: 9 Credits

Most students fulfill the 9 credit Physical Education requirement in 9th, 10th, and 11th grades.

Students are allowed to fulfill their requirement in the following ways:

### 1 Credit per Trimester

•Upper School Physical Education

### 3 Credits per Academic Year

•Beginning Dance •Intermediate Dance •Advanced Dance

### 2 Credits per Trimester

•Upper School Sports Team

### **#710** Physical Education

Grades 9-12 fall, winter, spring seasons Upper School Physical Education is a multi-disciplinary course that utilizes diverse activities to promote students' lifelong fitness and health. This course includes multimodal group aerobic exercise, conditioning, yoga, and strength and flexibility training. Through exposure to a wide array of contemporary fitness options, students are encouraged to explore and adopt a health and wellness mindset well into their future.

### #738 Beginning Dance

Grades 9-12

### • No audition required.

Beginning dance is a year-long course for students who have little to no experience in dance. This course will teach the fundamentals of modern dance along with basic ballet, yoga, and other forms of movement. Students will also spend significant time learning choreographic skills in order to create their own dances to be performed at an informal showing at the end of the year. Though not required, all students in beginning dance will have the opportunity to perform in the spring dance concert.

### **#727** Intermediate Dance

Grades 9-12

### • Audition required.

Intermediate Dance is a year-long course for students who have intermediate skill in any dance technique. This skill should allow them to grasp, retain, and execute various styles of choreography. The intermediate dancer will also learn performance skills, ballet and modern technique while developing flexibility, muscle strength and musicality. All Intermediate Dance students are required to participate in the spring Dance Concert.

one year

one year

### 3 Credits per Academic Year

(Yearlong commitment, application required)

•Westridge Equestrian Team

•Physical Activity Credit (formerly PE Equivalent)

•Physical Activity Credit National or Academy Team

## #732 Advanced Dance

Grades 9-12

### • Audition required.

Advanced Dance is a year-long course for dancers who have intermediate/advanced dance ability in any technique and whose skill allows them to grasp, retain, and execute various styles of choreography at an accelerated pace. This course is for dancers who want to broaden and gain deeper knowledge of performance and will have the opportunity to choreograph for the ensemble. All Advanced Dance students are required to participate in the spring Dance Concert.

### #705 Equestrian

In order to receive PE credit for participation on the Equestrian team, students must complete the Westridge Equestrian application and compete in a minimum of three Interscholastic Equestrian League (IEL) shows per academic year. A minimum of six hours of activity is required weekly. Monthly documentation including show performance is required.

### #706 Physical Activity Credit

Students practice and compete on an outside team and must participate for Westridge during the season of the same sport should it be offered. Students cannot play simultaneously for their club and Westridge (CIF-SS rule). If a sport is not offered at Westridge, students must participate on a competitive team. A minimum of six hours of activity is required weekly. An application is required in addition to monthly documentation.

### #707 Physical Activity Credit National or Academy Team

Qualification includes participation on a top level United States Academy team, National team or Olympic team which prohibits high school participation. An application and verification in writing from the organization is required. Students must participate a minimum eight hours per week in their program. During weeks of non-activity a minimum of two hours needs to be achieved by either attending Strength and Conditioning Class after school or completing Physical Education/Athletics Department online modules.

one year

UPPER SCHOOL **H-Block Electives** 

All electives in this section are graded pass/fail.

Students may enroll in Creative Writing for either the first or second semester. Students progress through the course sequentially; but do not have to enroll in consecutive semesters. Each level of Creative Writing is fulfilled by completing two semesters of that level.

### #160 Creative Writing I #160

Grades 9-12

Grades 10-12

1/4 unit, each semester Each semester in Creative Writing I, students explore writing as an art form and means of self-expression through the creation of memoir, creative non-fiction, poetry, and short fiction pieces. In class, students engage in a seminar and workshop environment. They discuss reading, use a variety of styles of writing practice, and grow through partner work and critiques. Students assist in the development and publication of the school literary magazine, Outlook. This course meets once per rotation.

#162	<b>Creative Writing</b>	II
#163		

1/4 unit, each semester

### • Prerequisite: #160 and #161

In Creative Writing II, students continue to develop and refine their skills as writers through different and more advanced projects including but not limited to: memoir, literary journalism, poetry, and short fiction. In class, students read and discuss examples of writers in different roles, and discuss writing as an art form and as an impetus for social change. Working with more independence, students continue in a seminar and workshop environment and use a variety of styles of writing practice. Students may design many of their own projects. This group takes a leadership role in the development and publication of the school literary magazine, Outlook. This course meets once per rotation.

#### #164 **Creative Writing III** #165

Grades 10-12

1/4 unit, each semester

### • Prerequisite: #162 and #163

Creative Writing III builds on Creative Writing II with special emphasis on independent projects in poetry, fiction, and other forms such as historical fiction, screen- and playwriting. There will also be a focus on critical theory and analysis. Students engage in problem-solving exercises, classroom critique, and individual conferences. They work to build a portfolio and may do one large project in a single genre. This group takes a leadership role in the development and publication of the school literary magazine, Outlook. This course meets once per rotation.

#### #167 **Creative Writing IV**

Grade 12

• Prerequisite: #164 and #165

<sup>1</sup>/<sub>4</sub> unit, each semester

Creative Writing IV builds on Creative Writing III and allows students to assume leadership roles by guiding readings, discussions, and in-class writing exercises. Students pull these lessons from their own experiences as Creative Writing students and pursue an

independent writing project, based upon their own interests

and passions. Students will schedule regular meetings with their instructor and reflect upon their academic, aesthetic, and personal growth. The Creative Writing IV student will also take a leadership role in the editing, layout, and overall production of Outlook, the Upper School literary journal. This course meets once per rotation.

### Engineering and Design

Grades 9-12 1/2 unit, one year This set of courses allows students to explore engineering and design concepts through one or more elective classes. Each class meets during H2, H4, or H6, allowing students to take any or all of the three engineering and design sections. These include Rocketry, Robotics, and Science Olympiad. Students may sign up for one or more of the sections; each section counts as a 1/2 unit credit.

#947 Engineering & Design - Robotics Students build a basic skill set for making robotic systems. They learn to design and fabricate mechanisms, control motors to drive those mechanisms and thus act upon the world, use sensors to gain information about that world, wire up connections between these parts and a microcontroller board, and write computer code to govern and integrate all of these elements of their robots. They then apply these skills towards individual and team robotics projects. The primary technical tools are the Arduino board and programming language, hobby servomotors, DC gear motors, and Arduino-compatible sensors.

#### #948 Engineering & Design – Rocketry

Beginning from scratch, students work in teams to design and build experimental high powered amateur rockets. The design process combines the application of math, physics, electronics, and engineering concepts as well as aesthetic decision-making. They test their completed rockets on weekend fieldtrips, collecting data, iterating their designs, and ultimately launching their rockets to achieve predetermined mission goals. The course requires strong teamwork skills and allows students to engage in the full engineering cycle to design, build, test, and repeat.

#### #677 Fundamentals of Costume Design

Grades 9-12 1/2 unit, one year This course will introduce students to the principles and practices of costume design for the theatre. Students will explore the history of costume and fashion, as well as the ways in which history influences modern theatrical costume design. Students will be introduced to techniques and practices which enable them to smoothly translate designs into rendered costumes. Throughout the course, students will develop and expand their skills in script analysis, costume and fashion research, design, and theatrical costume rendering.

#### #675 **Costume Construction**

Grades 9-12

<sup>1</sup>/<sub>4</sub> unit, each semester

In this course, students will assist with the construction of costumes for Westridge Theatre productions. In a team environment, class members will gain an understanding of costume construction techniques such as cutting, sewing, fabric dye, fitting, and maintaining costumes for theatrical production. Students will serve a vital role in creating theatre of excellence for the Westridge community.

#### **Technical Theatre** #659

Grades 9-12

<sup>1</sup>/<sub>4</sub> unit. each semester This course provides hands-on opportunities for students to explore

the world of painting theatrical sets and properties, as well as scenic construction. Students will learn technical theatre skills and assist in the process of creating Westridge theatre productions. Course content will include scene shop safety, tools and materials, model building, painting techniques, properties design and construction, and an introduction to theatrical lighting. Prior experience is not required, and the course may be repeated.

#### #693 Voice

Grades 9-12

<sup>1</sup>/<sub>4</sub> unit. each semester

<sup>1</sup>/<sub>2</sub> unit, one year

### • This course does not meet the music requirement.

This course is designed to help students develop their solo vocal skills and learn to sing well based on a sound technical foundation. This class allows the teacher to pay close attention to the development of each student's voice. The semester course, which meets one H-block during the six-day rotation, will facilitate the students' study of the technical aspects of vocal production and allow them to put their knowledge to work by singing solos. A goal is to memorize two songs of contrasting style per semester and have them "performance-ready" by the end of each semester.

#### #688 Madrigals

Grades 10-12

• Audition required

### • Prerequisite: One year experience in either Intermediate Choir or Glee Club

Madrigals is a choral ensemble that sings a cappella music only. It meets one H-block in the six-day rotation. The maximum number of students accepted into the class is 12. Students rehearse and perform a cappella music of various styles and from different historical eras. During the holiday season, this ensemble sings 6-7 performances for various organizations in the Pasadena community. Also, the group is asked from time-to-time to sing for school and community events.

#### #940 Speech and Debate

Grade 9-12

<sup>1</sup>/<sub>4</sub> unit, each semester

This course introduces students to the world of competitive speech & debate, teaching students the skills of basic communication and persuasion. Speech teaches students an array of skills, including speech-writing, research, script-cutting, and even theatre skills. In debate, students learn how to conduct research using databases and think tanks from around the globe, how to organize and formulate arguments, and how to argue effectively for any ideas which they are given to defend. In addition to the prior curriculum, debaters will travel to tournaments throughout the year in order to compete against fellow debaters from around the nation.

#### #976 Inlook

Grades 9-12 1/2 unit, one year This is a fast-paced course designed to produce the Westridge School yearbook. Topics covered will include design basics, layout, photography and copywriting, with an emphasis on meeting publication deadlines. Grades are based on quality of work, ability to work with a team effectively and to meet task deadlines. Editors must meet weekly with the yearbook faculty advisor.

Leadership positions (editors) are available to students with a minimum of one year experience on staff (to be determined via interview and performance review with yearbook faculty advisor). Editors are required to attend a week-long yearbook workshop in August. Staff members are encouraged to attend this workshop if available.

#### #977 **Spyglass**

Grades 9-12  $\frac{1}{2}$  unit, one year This is a course in basic journalism. Journalistic writing, editing, photography, videography, and website management will be taught through direct instruction and the publication of Westridge's online newspaper, Spyglass. Staff positions are assigned according to students' availability, interest, and experience.

#### #986 Peer-to-Peer 1

Grades 10-11

<sup>1</sup>/<sub>2</sub> unit, one year Peer-to-Peer 1 is a year-long elective focusing on the development of empathic listening skills. We will work within a framework of relational psychology and identify elements from other psychological frameworks that contribute to a beginning appreciation of psychological theory. This introductory course is largely experiential and self-reflective and will have reading and writing reflection assignments, with significant time dedicated to developing and deepening conversational skills and relationships. Students will be expected to explore issues related to the human condition, some difficult and challenging, and will be encouraged to explore their own feelings. At the end of the year, students demonstrating proficiency in the relational aspects of the course, will be recommended for Peer-to-Peer 2.

The goals of this semester are to:

- Develop increased awareness of self and responsibility to others.
- Develop understanding of counseling/facilitative • relationships
- Familiarize students with basic concepts of psychology •
- Develop enhanced communication skills

#### Peer-to-Peer 2 #987

Grades 11-12

1/2 unit, one year

### • Prerequisite: Completion of Beginning Peer-to-Peer.

Peer-to-Peer 2 is structured to enable students to implement what they learned in Peer-to-Peer 1. They will be given opportunities plan and coordinate schoolwide events promoting awareness of mental and physical health, such as "Love Beyond Your Body" and "Love Your Mind" events held on campus. During the academic year students will be given opportunities to engage as peer leaders in areas of interest to them by mentoring younger students after school and during recess, visiting Lower School council class to be peer mentors during conversations about puberty, chaperoning a middle school field trip, and volunteering in lower school

classrooms. Students will be paired with another Peer-to-Peer 2 student to collaborate on a project that they will present to their classmates. Related readings will be assigned for class discussion.

#### #988 Peer-to-Peer 3

Grades 12

<sup>1</sup>/<sub>2</sub> unit, one year

### • Prerequisite: Completion of Beginning Peer-to-Peer & Advanced Peer-to-Peer.

### • Required: Permission from teacher.

Peer-to-Peer 3 is structured for continued practice of skills that students have learned in the first two years of Peer-to-Peer. Students will collaborate with other Peer-to-Peer students to help facilitate the "Love Your Mind" and "Love Beyond Your Body" events. Students will be required to do related reading and selfreflection assignments and will be invited to grapple with advanced psychological concepts.

#### #998 Service Learning

### Grades 9-12

<sup>1</sup>/<sub>2</sub> unit, each semester This course will familiarize students with a wide range of local and global social issues. Students will have the opportunity to make personal connections with experts who work on these issues in the non-profit field. Field trips and volunteer opportunities will be built into the course, and the course will culminate in the design and implementation of service projects based on skills acquired and resources provided through the class. Some of the service hours performed as part of this class can be counted toward the graduation service requirement.

#### #939 **Student Voices**

### Grades 9-12

0 units, each semester

This elective course will expose students to topics in leadership, social justice, diversity, equity, and inclusion. In addition to building students' leadership skills, the course will provide an opportunity for students to conduct research related to the aforementioned topics and engage in intentional planning for school assembly programming, interactive activities, and facilitating discussions. This will be a semester-long, course facilitated by the Dean of Student Voices. Student Voices Heads and Affinity Heads will be required to take the course for the first and second semester. The course is open to all students who are interested in being a part of Student Voices and who would like to take an active role in planning for and presenting during school assemblies. Students taking the elective must attend the 2-day Student Leadership Retreat before the school year begins.

#### #931 Sustainable Building and Design

Grades 9-12  $\frac{1}{2}$  units, each semester Class coursework is built around the design and construction of a prototype tiny house as a means of investigating sustainability problem solving; aiming to engineer creative solutions to concerns like water conservation, material sustainability, efficiency, and alternative energy generation. Students design and build a tiny house utilizing a combination of power tools, hand-building techniques, Computer Assisted Design (CAD), and Computer Assisted Manufacturing (CAM). They will investigate structural and design approaches like passive solar heating, geothermal, insulation, and thermal mass, and the tiny house will serve as a

site for experimentation with solar power, solar water heating, rainwater catchment, fog and dew collection, water filtration, and wind turbines. Microcontroller computers will assist in realizing these projects, and designing for resilience in the face of fire, wind, and other weather will be taken into consideration. This course is collaborative in nature with opportunities for individual investigations. Students share their investigations in sustainability with the larger community at an open house for their prototype.

#### #932 Permaculture Garden

Grades 9-12 <sup>1</sup>/<sub>2</sub> units, each semester Students explore systems of soil, water, and food through the development and maintenance of a sustainable food garden. The class utilizes permaculture principles in the exploration of environmental issues like climate change and employs sustainable practices such as no-till gardening, vermiculture (worm composting), cover cropping, companion planting, carbon sequestration, and cultivating beneficial soil microbes. Students engage with the full growing cycle of a garden, including planning, seed starting, transplanting, soil management, water and sunlight needs, seed saving, and harvesting. The class also studies food equity and accessibility issues both locally and across the globe. Field trips to the CSUN Sustainable Food Garden, the Huntington Ranch Garden, and Akwaba Food Forest allow students to learn from existing models of sustainable agriculture. Students propose and test their own hypotheses in developing sustainable practices, ecology, and biology. Engineering projects like rainwater harvesting, irrigation systems, and slope analysis allow students to further explore concerns around developing a successful sustainable garden. The class is collaborative in nature with opportunities for individual investigations.

# UPPER SCHOOL Experiential Programs

### Interim Program

### Grades 9-12

Taking place the week prior to spring break each year, the Upper School Interim week is an experiential program that promotes a sense of discovery, creativity, curiosity, connection, reflection, and responsibility. Through a variety of non-academic opportunities, the Interim Program strives to deepen students' awareness of their own intellectual and emotional growth as they develop and pursue new interests and passions.

### Community Action Project (CAP)

### Grades 9-12

The Community Action Project graduation requirement is an opportunity for Westridge students to demonstrate how their personal interests and passions can set the stage for deep learning and service to others. In 9th Grade, students will begin by exploring various issues and service organizations of interest, and engage in several service learning experiences to help further hone their thinking and understanding of service learning. In 10th Grade, girls will continue to engage in meaningful service learning experiences, often working with other students, and begin to conceptualize the focus and scope of their Community Action Project graduation requirement. In 11th Grade, guided academic research will be required and students will work closely with their advisors and Upper School administrators to continue to engage in meaningful service opportunities while developing a proposal for their Community Action Project. In 12th Grade, students will be in a position to reflect on both the process and outcome of their four-year service learning experiences, and will culminate the journey by presenting their project to the community.

### **Global Initiative Distinction**

### Grades 9-12

The Global Initiative Distinction is a program designed to provide select students an opportunity for meaningful interdisciplinary study of a modern-day global issue. Students use reading, research, travel and other experiences, as well as volunteer work to help inform their global perspective and further pursue their specific topic of interest. This program provides an avenue for such students who demonstrate a strong interest in global citizenship to further their interests and become models of global competence for our community.

As an integral part of the school's commitment to educating the whole girl, Upper School Human Development classes meet once a rotation for 80 minutes in grades 9 through 12. Over four years in Upper School, the students are exposed to a range of social, emotional, health, and college-related topics that are carefully scaffolded to respond to developmentally-appropriate concerns with increasing sophistication over time. Please see the grade-level specific course descriptions below for more details.

### #982 Human Development 9: Transition to Upper School Grade 9

one year

Human Development 9: Transition to Upper School provides a forum for students to consider their academic, social, emotional, and physical development. Early in the year, the freshman do a variety of community-building activities designed to help integrate new students and to build a sense of class cohesion. Each Freshman Human Development class offers students a chance to create a "letter of introduction." This open assignment encourages students to build a heightened self-awareness of their feelings and values and to learn techniques for expressing those feelings and values. Students focus on the values and responsibilities that go along with their varied identities - race, ethnicity, and socioeconomic status to name a few. Our methods include group presentations, group dialogue, paired sharing, and film analysis. Freshman Human Development includes an inquiry into the pressures students face, both socially and academically, and the coping strategies and stress management skills they can employ to navigate these challenges. We look critically at perfectionism in young girls and women and spend time exploring the advantages of a culture that celebrates effort over outcome. Students explore how many of the concepts that they have learned relate to current events in our community, nation, and beyond. This year-long course culminates with the students making their own Zine.

#### #983 Human Development 10: Self & Society

### Grade 10

one year Human Development 10: Self & Society focuses on three central themes: self-awareness, health, and decision-making skills. Our methods include film analysis, group dialogue, and peer advocacy. This class encourages students to guestion, explore, and assess their own and their community's attitudes about society, race, gender, and sexuality. This can help young people understand their family's values, develop their own values, improve critical thinking skills, increase self-esteem and self-efficacy, and develop insights concerning relationships with family members, individuals of all genders, races, ethnicities, and society at large. Early in the year, students take part in a 5-rotation self-defense course with Lauren Roselle of ESTEEM Communications. Students learn verbal and physical techniques to enhance their assertiveness and become aware of the factors that go into their decision-making processes in social settings. Students are also given comprehensive lessons on sexual health and sexual decision making and are challenged to think about healthy and unhealthy relationships with themselves, substances, and others. Each lesson is given in a way that promotes consent, encourages communication, examines systems of oppression, and prioritizes health and wellbeing.

#### The College Process 11: Voice & Vision #984

### Grade 11

one year The College Process 11: Voice & Vision is divided into two distinct semesters, each with its own focus and yet connected through the goal of providing a foundation for the college process that is based on self-awareness and personal growth. In the fall semester, the Council format helps Juniors to hone their understanding of themselves in the present and to investigate the vision they have for their futures, prior to embarking upon the exciting and reflective college search. Through this self-exploration, students prepare for their role as leaders in the school, learn strong communication and listening skills, deepen their connection with their peers, develop their authentic voices and practice stress-management techniques.

In the spring semester, The College Process 11: Voice & Vision focuses on understanding the college search and selection process, and how it aligns with each student's vision for their future. Students learn about the educational choices involved in finding colleges that are a good fit for their individual talents, accomplishments and learning styles. Types of colleges, majors and college general education programs are discussed in depth. In April students learn to read and evaluate an application by participating in an admission case studies program with college representatives. Several personal narrative writing assignments coupled with assessments such as Strengths Explorer, Achieve Works Personality, Career Cluster Finder, and Career Interest Profiler help students get to know themselves better as well as prepare them for the next steps in the college application process.

#### #985 The College Process 12: Your Chosen Path

### Grade 12

one year The first semester of The College Process 12: Your Chosen Path supports the seniors in the college application process, with an emphasis on application logistics including: finalizing recommendations, working on essays and short answer questions, compiling and formatting a resume, preparing for interviews and college visits, and completing applications—with special attention given to the University of California application in an interactive workshop. College costs, merit- and need-based financial aid are also discussed, as well as how admissions decisions are made by public and private universities and colleges. This class gives seniors the opportunity to ask timesensitive questions as well as discuss topics specific to their application process.

In the second semester of The College Process 12: Your Chosen Path, students link what they have learned about themselves in Upper School to their future life beyond Westridge. The class features a variety of speakers and topics designed to support the students in their transition from high school to adulthood. Seniors also refresh their self-defense skills, learn personal finance, and learn how to access oncampus health care at their respective colleges and universities. As they reflect on their experiences at Westridge and learn how to say goodbye to family, friends and school in a healthy way, the Human Development and College Counseling program culminates in a Senior Retreat in late May. This overnight trip honors the important relationships each student experiences in Upper School and celebrates the seniors' readiness for their chosen paths in life.

# UPPER SCHOOL College Counseling

College Counseling at Westridge School is both personal and group-oriented. Each Westridge student thoughtfully navigates the college application process with quidance from an experienced and supportive College Counseling team.

Using a highly-refined Human Development program, the college counseling focus begins in the second semester of the junior year. Students meet every rotation (six days) for two semesters gaining invaluable insight into the college selection and application process. Ultimately, College Counseling at Westridge School works to help each individual carefully consider their strengths and aspirations, with the intention of matching the student with colleges and universities aligned with their unique qualities and interests.

Through College Counseling at Westridge School, the extremely experienced team educates and supports students and parents throughout the process of college consideration, selection, application, acceptance and transition in the following ways:

### CONSIDERATION AND EVALUATION

RESEARCH	How to explore colleges and universities, with considerations including majors, size, location, academic rigor, athletics, and scholarship opportunities.
PERSONAL FIT	Help students to understand how their academic strengths, special gifts or talents, and diversity fit with what colleges and universities are looking for in their applicants.
TESTING	What admissions tests are required and when they should be taken, from the ACT and SAT, to SAT Subject Tests.
PREPARATION	How to prepare for college visits and fairs, practicing how to best represent themselves, and how to gather information from colleges by asking pertinent questions.

### COLLEGE COUNSELING SERVICES AND RESOURCES

### ACADEMIC ADVISING

Course selection for specific interests and majors, extracurricular involvement, and time management.

### PREVIEW TO TESTING EVENING

An event to better acquaint sophomore and junior students and their parents with the purposes and timing behind the PSAT, SAT, and the ACT.

### THE COLLEGE PROCESS 11: VOICE AND VISION

A semester-long course taken by all juniors in which students learn about the educational choices involved in finding colleges that are a good fit for their individual talents, accomplishments, and learning styles; types of colleges, majors, and general education programs; and, reading and evaluating applications.

### **COLLEGE KICKOFF**

Junior students and parents hear from second-semester seniors and parents about highlights of the college application process. Topics include: testing, letters of recommendation, essays, visiting colleges, and interviewing.

### COLLEGE TOUR

Each spring during Interim Week, College Counseling leads a tour of colleges and universities hosted in partnership with a professional education company. Through personal visits to campuses, guided tours and information sessions, students gain firsthand experience of different types of institutions.

### **CIRCLE GROUPS**

Seniors lead small-group, lunchtime discussions with juniors during the spring. By providing peer mentors, the program promotes a healthy approach to the application process, encouraging juniors to be self-reflective while exploring a range of options and ideas.

### CASE STUDIES EVENING & COLLEGE FAIR

Students and parents are invited to act as members of a mock admission committee in a simulation led by 45 deans and directors from the country's most selective colleges and universities. Participants learn firsthand about the importance of the transcript, letters of recommendation, essays, and testing in the admission process. The evening concludes with a college fair.

### INDIVIDUAL AND FAMILY MEETINGS

Personalized discussions and support for every aspect of the college admission process with students and parents.

### LETTERS OF RECOMMENDATION

Counselors assist students in determining strong and relevant academic, athletic, community service, work, and special talent references.

### **COLLEGE OPPORTUNITIES**

Exposure to special diversity programs, scholarship opportunities, local informational sessions, summer opportunities, and educational programs offered at colleges and universities year-round.

### JUMP START WORKSHOP

A week-long intensive program offered prior to the start of senior year. Through self-reflective exercises, as well as essay and résumé workshops, participants uncover their personal narrative, and have a strong, rough draft essay and a completed résumé at the conclusion of the workshop.

### SENIOR PARENT NIGHT

A parents-only event to learn how to support your senior in the college process, as well as how the College Counseling Team helps families navigate and manage applications and outcomes.

### THE COLLEGE PROCESS 12: YOUR CHOSEN PATH

A semester-long course taken by all seniors that helps students navigate the college application process. Significant emphasis is placed on application logistics: finalizing recommendations, working on essays and short-answer

questions, preparing for interviews and college visits, completing applications, and applying for financial aid and scholarships.

### COLLEGE REPRESENTATIVE VISITS

Admission officers representing more than 130 colleges and universities from the United States and abroad visit the Westridge campus annually. Students meet individually or in small groups with representatives to learn more about their institutions as well as their admission process.

### **COLLEGE ANALYSIS**

Guidance toward developing a thoughtful prospective college list taking into consideration academic, financial, and personal fit.

### HANDS-ON ESSAY SESSIONS

Individual meetings with college counselors to assist in the development, structure, and completion of essays, short answers, and supplementary materials.

### INTERVIEW PREPARATION

Students learn about the interview process in The College Process 12 class and in a dedicated workshop. They practice interviewing both in seminar and in individual meetings to prepare for college admission interviews.

### HANDS-ON APPLICATION WORKSHOPS

College Counseling team leads sessions on completing the Common Application and the University of California Application.

### FINANCIAL AID WORKSHOPS

Instruction and guidance offered by a college financial aid expert on how to navigate the process by completing the Free Application for Federal Financial Aid (FAFSA) as well as the CSS Profile. Information on scholarships, grants, and loans is also provided throughout the year.

### APPLICATION SUPPORT MATERIALS

The College Counseling team coordinates the submission of items such as the secondary school report, counselor and teacher recommendations, school transcript and profile, mid-year report, and final transcript to every college, university, or scholarship requested.

### **COLLEGE CONVERSATIONS**

Seniors speak with members from the most recently graduated class who return to campus during Homecoming to discuss their transition to college at their respective schools.

### DO DROP INN

No question is too big or small at our regularly scheduled online community gatherings. Here, students and their parents ask questions of the College Counseling Team regarding the college application process, and receive immediate answers. Stay for the entire hour, or just "drop in" to get all of your questions answered in this fun and casual format.

### **COLLEGE CONNECTIONS**

Hosted in partnership with Alumnae Affairs, the College Connections Parade and Fair gives families an opportunity to talk to recent alumnae about their college or university. Current seniors are also present to talk about their college process and outcome. Additionally, Westridge faculty, staff, and administrators are on hand to help expand students' "college knowledge" in a fun-filled atmosphere.

### NEXT STEPS

Workshops for seniors and their parents to provide instruction and conversation starters on topics that are often an afterthought in the college process. This three-part series includes insight from Deans of Students and Directors of Admission for colleges and universities regarding navigating new friendships, accessing resources, and adjusting to living on your own. Other sessions cover topics such as laundry, healthy living, and finances.