Course Catalog

INNOVATE. FOR LIFE.

Ramona Convent Secondary School
1701 West Ramona Rd.,
Alhambra, CA 91803
626-282-4151
# Mission Statement

Ramona Convent is a welcoming Catholic college-preparatory high school for young women sponsored by the Sisters of the Holy Names of Jesus and Mary and committed to excellence in education. Ramona’s graduates are empowered, resilient, socially conscious leaders well prepared to meet the challenges of life as contributive members of the global community.
CURRICULUM

REQUIRED COURSES:

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<td>Mathematics</td>
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<td>Elective (Arts or Science)</td>
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GRADUATION REQUIREMENTS:

5 units are assigned for each semester course successfully completed, and 10 units are assigned for each year long course successfully completed.

Units required for high school graduation: 260

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<th>COURSES</th>
<th>GRADUATION REQUIREMENTS</th>
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<tr>
<td>English</td>
<td>45 units; including Speech and Communication</td>
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<td>Fitness / Health</td>
<td>10 units</td>
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<tr>
<td>Social Studies</td>
<td>40 units</td>
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<td>STEM (Science, Technology, Engineering and Mathematics)</td>
<td>30 units in Mathematics</td>
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<td>20 units in Science</td>
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<td>Theology</td>
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<td>Visual and Performing Arts</td>
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<td>World Languages</td>
<td>20 units</td>
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2022-2023 Curricular Offerings:

**English:**
English 9 & Honors
English 10 & Honors
English 11
English 12 & Honors
Speech and Communication
AP English Language & Comp

**Social Studies:**
Cultural Studies
Modern World History
US History
American Government
Economics
Introduction to Psychology
AP US History
AP American Government
AP Psychology

**Theology:**
Scripture Values
The Church
Sacraments
Christian Morality
Social Justice
World Religions
Spiritual Life

**STEM:**
Biology & Honors
Chemistry & Honors
Physics & Honors
Engineer Your World
Forensic Science
Robotics (after school)
Pre-Algebra
Algebra I & Honors
Algebra II
Algebra II/Trig Honors
Geometry & Honors
Pre-Calculus or Honors
Statistics
AP Calculus AB
AP Calculus BC*
AP Statistics*
AP Biology
AP Chemistry
AP Environmental Science
AP Computer Sc. Principles

**AP Capstone:**
AP Seminar
AP Research

**Visual and Performing Arts:**
Bell/Chime Ensemble
Choir
Chamber Singers
Honors Chamber Singers
Visual Arts
Advanced Art Studies
Ceramics
Drama
Play Production
Digital Multimedia Design
AP Art and Design
Dance Ensemble (after school)

**World Languages:**
American Sign Language
Spanish
French
AP Spanish Language & Culture
AP Spanish Literature & Culture
AP French Language & Culture
AP Chinese Language & Culture*

**Physical Education:**
Fitness for Life

Total Units Required for Graduation: 260

*independent study
GENERAL GUIDELINES FOR ACCEPTANCE INTO HONORS OR ADVANCED PLACEMENT CLASSES

See individual course descriptions for more specific prerequisites or requirements that differ from these general guidelines:

☐ Student application

☐ “B” in previous Honors or AP courses, OR “A” in regular courses, OR as specified in the course prerequisites

☐ High overall GPA

☐ High standardized test scores in appropriate categories

☐ Attendance at AP/Honors orientation workshop

☐ Excellent attendance

☐ Teacher / Department selection or approval
ENGLISH DEPARTMENT

Graduation Requirement: 45 units; including Speech and Communication

(P) designates UC/CSU approved course; (HP) designates honors UC/CSU approved course; (AP) indicates an Advanced Placement Course

NINTH GRADE ENGLISH (P) - 2200
Prerequisite: None

Grade: 9

This course combines the study of the various forms of literature and the essentials of grammar with composition practice and vocabulary development. The student will read and analyze poetry, drama, fiction, and non-fiction.

NINTH GRADE HONORS ENGLISH (P) - 2250
Prerequisite: See course description

Grade: 9

This enrichment course is a concentrated study of literature and composition, combining the essentials of both 9th and 10th grade English and introducing examples of American literature. This course presupposes a knowledge of basic grammar, although there will be a review of grammar included in the course. The course also presupposes a facility in both reading and writing, the maturity for some independent, self-directed study and the enthusiasm for challenge. The student is selected by the English department on the basis of test scores, previous achievement in English, and the placement essay written on the day of the entrance exam.

TENTH GRADE ENGLISH (P) - 2300
Prerequisite: English 9

Grade: 10

This course is a study of British literature from the Middle Ages to the present. The student will develop her critical reading, thinking, and writing skills through the analysis of literature and the practice of composition in various modes. Grammar essentials and vocabulary enrichment are included.

TENTH GRADE ENGLISH HONORS (HP) - 2350
Prerequisites: B in Eng. Honors 9 or A in English 9

Grade: 10

This honors course is a concentrated study of British literature through the 18th century. The student should have a facility in grammar, reading and writing, the ability to think critically, plus the maturity for independent, self-directed study. Development of grammar and vocabulary skills is included.

ELEVENTH GRADE ENGLISH (P) - 2400
Prerequisite: English 10

Grade: 11

This course is a study of American literature throughout its history and of the diverse voices which have expressed the American character. Poetry, short story, novel, and drama are included plus outside reading from a variety of classic and contemporary authors. The student will develop her skills in critical thinking, reading, and writing through language analysis, composition exercises, and formal essays on topics drawn from the literary studies.
ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (AP) - 2475
Prerequisites: B in Eng. Honors 10, or A in English 10
Grade: 11

This year course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. More immediately, the course prepares the students to perform satisfactorily on the A.P. Examination in Language and Composition given in the spring. Both their writing and their reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students will learn and practice the expository, analytical, and argumentative writing that forms the basis of academic and professional writing; they will learn to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Readings will be selected primarily, but not exclusively, from American writers. Students who enroll in the class will take the AP examination.

TWELFTH GRADE ENGLISH (P) – 2500
Prerequisite: English 11

TWELFTH GRADE ENGLISH (P) – 25250
Prerequisite: B or better in AP English Language or A in English 11

CULTURE, IDENTITY, AND LOS ANGELES
Grade: 12

In a time when it has become increasingly difficult to differentiate credible resources from unreliable ones, and in a moment where it has become increasingly imperative to study culture as carefully as one might study a novel or a poem, our new English course for seniors - Culture, Identity, and Los Angeles - is designed to give students the critical tools necessary to thrive in a changing world. Using the fundamental English Department skills of critical reasoning, close reading, confident speaking, and edited writing, students will use contemporary theory in Gender Studies, Ethnic Studies, and Linguistics to investigate how we make meaning in culture. One of our goals is to push every senior towards college readiness for university-required Rhetoric and Composition courses, and we will achieve this by structuring the course around a series of 5-6 page researched papers, complementing this with creative writing in the form of a poetry chapbook, and process-based editing of students’ personal statements for college applications.

Simultaneously, the content of the course will give students the opportunity to engage a range of social issues with the critical tools and theories of Cultural Studies, from thinking about what it means to grow up as a girl, to unpacking the dynamics of race and class in geography and subculture, to investigating the role of art and community in the human project. Students will study novels, short stories, and poetry, but they will also study film, music, subculture, fashion, and theory. They will read a range of texts in various genres and time periods, and they will read both article-length and complete works of fiction and nonfiction. Finally, the targeted content of the class will have a particular emphasis on engaging with the metropolis of Los Angeles as a representative text for America today. Hollywood, noir, plastic, immigration, suburbia – LA has it all, and we’re going to try to figure out what it all means.

TWELFTH GRADE ENGLISH HONORS (P) – 25250
Prerequisite: B or better in AP English Language or A in English 11
Grade: 12

CULTURE, IDENTITY, AND LOS ANGELES

The Honors version of this course will largely forego the elements of the standard course that “adapt” undergraduate level concepts to a secondary level. Here, students will primarily focus on the reading of primary sources in theory and cultural studies to create an understanding of core course concepts, rather than simply receiving annotations and notes from the instructor. The extent to which students will be expected to read, respond, and synthesize difficult text will also make this an Honors course: students will match undergraduate expectations in reading primary texts in theory and research, and they will elect to lead the introduction to a text of their choice for a given class period. Students will be expected during these weeks to investigate their chosen primary text with more depth, preparing some contextual background information, guiding questions, and introductory remarks when we begin work on that text.

SPEECH AND COMMUNICATION (P) - 2650
Prerequisite: None

Grades: 10-12

This semester course develops communication skills essential for success in both higher education and future careers. Students will study the fundamentals of oral communication, including persuasive/debating techniques, expository/impromptu skills, and interviewing practices. Students will also be required to develop written communication skills including outlines, case arguments, and position papers.
PHYSICAL EDUCATION DEPARTMENT
Graduation Requirement: 10 units

HEALTH and FITNESS FOR LIFE  - 9410
Prerequisite:  None

Grades:  9-10
This is a year-long required course focusing on the benefits of lifetime physical fitness and good health habits. Special emphasis is placed on personal health and the importance of fitness today, and for life. Self-management skills, aerobic activities, specific sports skills, and women's health issues are covered.

SPORTS 9-12 - 9325
Prerequisite:  None

Grades:  9-12
Students will receive 5 units of credit if they successfully complete a full season on an athletic team. Participation in a sport does not replace the 9th grade Health and Fitness course.
MODERN WORLD HISTORY (P) - 8378
   Prerequisite: None
   Grade: 9

Students examine the history of human interaction on our planet from the 18th century to the present time. Their study will examine the rise of nation-states, revolutions, world wars, and the growing interdependence among nations. Current crisis areas and issues will be analyzed and students will be engaged in forming their own global outlooks and opinions.

CULTURAL STUDIES (P) – 8430
   Prerequisite: Modern World History
   Grade: 10

This course is designed to engage both the theory and practice of cultural studies. While this is a survey course, which will allow for students to share a brief experience with four (4) different cultural groups: African American, Latinx American, Asian American, and Indigenous Americans; a primary focus of each quarter will be on the strength and contributions of women in these cultures. This course will focus on basic concepts that inform cultural studies such as: history, ideology, gender, law and politics, spirituality, and resistance. A strength of this course is in its design around the use of guest instructors that will offer their specific expertise and personal experience to guide our understanding of each group we study. Students will be engaged in both intellectually and emotionally rigorous content constructed around issues of ethnicity, identity, service, and social justice. By studying the histories of race, ethnicity, nationality, and culture, students will cultivate respect and empathy for individuals and solidarity with groups of people locally, nationally and globally so as to foster active social engagement and community building.

ADVANCED PLACEMENT UNITED STATES HISTORY (AP) - 8450
   Prerequisites: A in Modern World History; B in English 10 Honors; or A- in English 10 both semesters
   Grade: 11

The Advanced Placement course is an honors program which presents an in-depth survey of American history from its European background to the present. This is a college level class which requires extensive critical reading. The student should be capable of writing well-organized papers and essays and of doing self-directed study. The student will be required to do some preliminary reading for this course during the preceding summer. Students who enroll in the class will take the AP examination.

UNITED STATES HISTORY (P) - 8400
   Prerequisite: Modern World History or Cultural Studies
   Grade: 11

This course provides the student with an appreciation of the history of our country and assists her in seeing continuity in the midst of change while developing a better understanding of the growth that is central to all nations. An attempt is made to present the past in its full integrity and to see the similarities between the past and the present.

AMERICAN GOVERNMENT (P) - 8500
   Prerequisite: US History
   Grade: 12

This semester course familiarizes the student with her political and legal responsibilities. The student will study national, state, and local forms of government in America with emphasis on how to effect constructive change.
ADVANCED PLACEMENT AMERICAN GOVERNMENT (AP) - 8550
Prerequisites: B - in AP US History and AP English Lang/Comp; or an A in US History and A- English 11;

Grade: 12

This semester course is concerned with the nature of the American political system, its development over the past two hundred years and its function today. The focus of this course is primarily at the national level so that students can develop a cohesive and thorough understanding of the American Federal System. This is a college level course which requires extensive critical reading, verbal articulation in group discussion, and above-average writing skills. Students who enroll in the class will take the AP examination.

ECONOMICS (P) - 8600
ECONOMICS G (P) - 8650 (when paired with AP American Government)
Prerequisite: None

Grade: 12

This semester course is designed to introduce the student to the basic terminology, theories, and practices of economics. Special emphasis will be placed on the growing importance of women in today's money economy.

INTRODUCTION TO PSYCHOLOGY (P) - 8825
Prerequisite: None

Grades: 11-12

Introduction to Psychology is a year-long course that introduces students to the basic theories and fundamental principles of psychology through the use of lecture, class activities, and multi-media presentations.

ADVANCED PLACEMENT PSYCHOLOGY (AP) - 8750
Prerequisites: B- in U. S. History and Honors or AP Biology; or an A- in either US History or Modern World History and Biology;

Grades: 11-12

The purpose of this year-long AP course in psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. Students who enroll in the class will take the AP examination.
STEM DEPARTMENT
SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS
Graduation Requirement: 30 units of Math and 20 units of Lab Science
(P) designates UC/CSU approved course; (HP) designates honors UC/CSU approved course; (AP) indicates an Advanced Placement Course

Students who take a make-up course at a school other than Ramona and who intend the course to qualify them for placement into a more advanced Math class may be required to pass a competency test before admission into the more advanced class.

MATHEMATICS

PRE-ALGEBRA - 5020
Grade: 9

This course covers addition, subtraction, multiplication, and division of all integers, fractions, decimals, and percents. Students will solve and graph equations and inequalities. Students will use ratios and logic to solve word problems.

ALGEBRA I (P) - 5030
Prerequisite: None
Grades: 9-10

This course is intended for the majority of freshman students. It covers solving first-degree equations and inequalities in one variable, solving systems of two equations in two variables, solving quadratic equations by the factoring method, working with polynomial, radical, and rational expressions, graphing in the plane, specific, archetypal, or template-type word problems, and elementary logic.

ALGEBRA I HONORS (P) - 5040
Prerequisite: department selection (Summer only)
Incoming 9th Grade

This 5-unit summer course is intended for the student who has completed an Algebra I course in 8th grade but has not been placed into Geometry. Some of the concepts covered are integers, rational numbers, algebraic equations and functions, inequalities, factoring, and polynomials. Graphing will also be an important component and concept covered. Eligibility for this course will be determined by entrance exam scores, previous grades in math, and the score on the Algebra Proficiency Exam. Students who earn a B, 84% or higher in this class are eligible to take Geometry Honors in the ninth grade. Students who earn a B-, C+, or C in this class are eligible take regular Geometry in the ninth grade. Students who earn a "C-" or below must take Algebra I in the ninth grade. This course is also open to students who have already passed Algebra I and would like to brush up on the more challenging points of Algebra.

GEOMETRY (P) - 5050
Prerequisite: C in both semesters of Algebra I taken in high school.
Incoming 9th graders placed in Geometry by placement exam.
Grades: 9-11

This course covers basic geometric concepts and relationships. An emphasis is placed on the use of deductive reasoning and the development of proofs, especially as they relate to the study of congruent polygons, parallel lines and circles. Other topics covered are ratio, proportion, similarity, inequalities and right triangles.
GEOMETRY HONORS (HP) - 5060

Prerequisites for Incoming 9th: Incoming 9th graders placed in Geometry Honors by placement exams and successful completion of Algebra Honors at Ramona Summer School.
Prerequisites for Incoming 10th: A in Algebra I both semesters.

Grades: 9-10

This course covers the same concepts and topics as Geometry, but also includes a study of transformations and involves a more intense integration of the study of algebra and geometry.

ALGEBRA II (P) - 5070

Prerequisite: C in both semesters of Geometry

Grades: 9-12

Algebra II focuses on two strands of mathematics: families of functions and solving equations involving those functions. Topics covered include systems of linear equations and inequalities, quadratic functions, polynomial functions, rational, and power functions, the complex number system, exponential and logarithmic functions and applications. Mastery of basic Algebra I concepts and skills is required for success in this course.

ALGEBRA II/TRIG HONORS (HP) - 5080

Prerequisites: B in both semesters Geometry Honors or A in both semesters of regular Geometry; B in Algebra I Honors or A in both semesters of Algebra I;

Grades: 9-12

This course focuses on two strands of mathematics: families of functions and solving equations involving those functions. Topics covered include all of those covered in Algebra II as well as matrices and determinants, trigonometric and circular functions, properties and applications, higher degree polynomial functions, rational functions with asymptotes, inverses, and conic sections.
PRE-CALCULUS (P) - 5100

Prerequisites: B in both semesters of Algebra II or a C+ or better in Algebra II/Trig Honors

This course is designed to introduce students to the topics necessary for success in Calculus. A rigorous study of trigonometry and analysis of functions is included, as well as the study of matrices, conic sections, statistics, sequences, and series. Successful completion of this course should prepare students for a PreCalculus course at the college level.

HONORS PRE-CALCULUS (HP) - 5150

Prerequisites: B in both semesters of Algebra II/Trig Honors

Grades: 10-12

This course is designed to introduce students to the topics necessary for success in Calculus. A rigorous study of the analysis of functions is included, as well as the study of matrices, trigonometry, conic sections, statistics, vectors, polar coordinates, complex numbers, sequences, and series. Successful completion of this course should prepare students for success in AP Calculus or Calculus at the college level.

STATISTICS (P) - 5160

Prerequisites: C in both semesters of Algebra II/Trig

Grades: 11-12

This course is intended as an option to students who are interested in completing four years of math, but do not wish to take traditional math courses. Students must first complete Algebra 2 before enrolling in Statistics. This course covers descriptive statistics and their interpretations (bar graphs, stem-and-leaf plots, and line graphs); measures of center; probability; and sampling methods. This class will prepare students to take college statistics, which is required for STEM and non-STEM fields (e.g. sociology, psychology, business, etc.).

ADVANCED PLACEMENT CALCULUS AB (AP) - 5500

Prerequisites: A- (90% or better) in Honors Pre-Calculus both semesters or A (93% or better) in Pre-Calculus both semesters

Grades: 11-12

The AP Calculus AB course has been designed with a two-fold purpose: (1) to teach students all the topics taught in college the first semester of Calculus, and (2) to prepare students to take the Calculus AB exam Advanced Placement examination for possible full college credit from the university of each student’s choice. All topics covered will be addressed numerically, geometrically, and analytically. Students can expect a rigorous, fast-paced curriculum with extended practice at home. Students who enroll in the class will take the AP examination. Access to technology, including TI-84 graphing calculator and a wifi capable device, will be required for this course.

ADVANCED PLACEMENT CALCULUS BC (AP) - 5411

Prerequisites: B in AP Calculus AB both semesters

Grades: 11-12

The AP Calculus BC course has been designed with a two-fold purpose: (1) to teach students all the topics taught in college the first two semesters of Calculus, and (2) to prepare students to take the Calculus BC exam Advanced Placement examination for possible full college credit from the university of each student’s choice. All topics covered will be addressed numerically, geometrically, and analytically. Students can expect a rigorous, fast-paced curriculum with extended practice at home. Students who enroll in the class will take the AP examination. Access to technology, including TI-84 graphing calculator and a wifi capable device, will be required for this course.
BIOLOGY (P) - 6300

Prerequisite: None
Grade: 10

This is a laboratory course in biology stressing the role of inquiry and investigative techniques in solving problems. Topics considered are the functions of cells, some chemistry and physiology of plants, animals and humans, and their interrelationships. This course satisfies the lab science requirement for entrance into the U.C. system.

HONORS BIOLOGY (HP) - 6350

Prerequisites for 10th graders: B+ in Algebra I or Geometry/Honors;
Prerequisite for 9th graders: based on 8th grade grades and composite HSPT scores in the 85th %
Grades: 9-10

This course stresses the chemical and physical properties of the cell, its functions and relations to the environment. The principles and chemical basis of heredity with genetic analysis, gene expression and regulation, and recombinant DNA techniques will be studied. Other topics include multicellular plants and human anatomy with emphasis on skeletal and muscular systems, digestive, circulatory, respiratory, and reproductive systems. This course satisfies the lab science requirement for entrance into the U.C. System; the course is scheduled to accommodate the ninth grade students.

ADVANCED PLACEMENT BIOLOGY (AP) - 6375

Prerequisites: A- in Honors Biology both semesters, and, A- in Honors Chemistry both semesters, or, B- or better in AP Chemistry or a passing score of 3 or better on the AP exam.
Grade: 11-12

AP Biology and AP Chemistry will be offered in alternate years: AP Chemistry is offered in 2022-2023; AP Biology is currently offered in 2023-24.

The AP Biology course is an introductory college-level biology course. The chemical basis of biological structure and function is a major theme throughout the year. The subject matter covered is intensive and demanding. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. Students are required to also meet during zero period once/week. Saturday or after-school sessions will be scheduled as needed.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (AP)

Prerequisites: A in Biology, Chemistry and Algebra II both semesters
Grade: 11-12

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.
CHEMISTRY (P) - 6400  
Prerequisite: passing grade in Biology  
Grade: 10-11

This course deals with the structure and composition of matter and the changes which matter can undergo. It is a lab-oriented course in chemistry which introduces the basic concepts and skills of chemistry. This course stresses an understanding of the unifying concepts which relate the various areas of inorganic, nuclear, physical and environmental chemistry.

HONORS CHEMISTRY (HP) - 6450  
Prerequisites: B+ in Geometry Honors or Algebra II both semesters; B+ in Biology both semesters or B in Honors Biology both semesters  
Grades: 10-11

This course deals with the structure and composition of matter and the changes which matter can undergo. The course is organized around a framework of basic laws and principles which are seen as the outcome of scientific experiment and observation. It emphasizes the mathematical and problem solving aspects of chemistry. This course is recommended for students who plan to pursue careers in the sciences or engineering.

ADVANCED PLACEMENT CHEMISTRY (AP) - 6450  
Prerequisites: A– in Honors Chemistry Sem 1 and B+ or better Sem 2; B+ in Algebra II both semesters  
Grades: 11-12

AP Biology and AP Chemistry will be offered in alternate years: AP Chemistry will be offered in 2022-23.

The AP Chemistry course is the equivalent of a general chemistry course usually taken during the first year of college. Topics such as the structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, and the basic concepts of thermodynamics will be presented in considerable depth. Extensive problem solving, critical thinking and analysis are expected. Students are required to also meet during zero period once/week. Saturday or after-school sessions will be scheduled as needed.
PHYSICS (P) - 6500

Prerequisites: B in Honors Chemistry both semesters or B in Chemistry both semesters; B- in Algebra II;
Grade: 12

This is an introductory Physics course for the student who does not plan to major in science in college. The purpose of this course is to provide an awareness of and appreciation for the physical environment. Topics covered include mechanics, heat, sound, light, electricity and magnetism. Students will concentrate on using their ability to read, think and formulate questions.

HONORS PHYSICS (HP) - 6550

Prerequisites: B+ or better in Algebra II/Trig Honors; and B+ in Honors Chemistry both semesters or A in Chemistry both semesters;
C and/or passing score of 3 in AP Biology or AP Chemistry (if taken in 11th grade)
Grade: 11-12

This course involves both lecture and lab, and includes such topics as kinematics, vectors, dynamics, Newton’s laws of force and motion, electricity, magnetism, quantum theory, and the atom. A definite emphasis is placed on the theoretical as well as mathematical aspects of physics. This course is strongly recommended for students planning a major or minor in the physical or biological sciences or engineering in college.

ENGINEER YOUR WORLD (P) - 6311

Prerequisite: None

The Engineer Your World classroom is a place where students engage in authentic engineering practices in a problem-solving, inquiry, project-based environment. Students complete a series of engaging and socially relevant design challenges that require purposeful application of relevant STEM concepts. Students complete 8 challenging units that illustrate how engineers create solutions for people, use a creative design process, design the products of our everyday lives, use computational thinking to develop solutions, and collaborate to solve complex challenges. Some of the projects include designing a pinhole camera, designing optimum coffeemaker, designing safer buildings, flashlight redesign, programming electronic music and aerial imaging through with drone construction.

FORENSIC SCIENCE (P) - 6119

Prerequisite: None

Grades: 9-12

Who committed the crime? Have you ever wanted to work like a CSI investigator? Learn how to observe a crime scene, hone your deductive reasoning skills and learn lab techniques used in the field of forensic science. Science skills such as careful experimentation and observation as well as data analysis is emphasized. Topics and lab techniques include evidence collection, fingerprint and hair analysis, blood and fluids analysis, human anthropology, DNA profiling, toxicology and the solving crime scene mysteries.
AP COMPUTER SCIENCE PRINCIPLES (AP) - 5999  
Prerequisites: B or better in both Algebra I and Geometry  
Grades: 10-12

AP Computer Science Principles is a full year, rigorous, entry-level course that offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rich curriculum that aims to broaden participation in computer science.

ROBOTICS  
Prerequisite: None  
Grades: 9-12

Award-winning Ramona Rampage, Team 1159, is one of very few all girls' FIRST Robotics teams. All students are welcome to join our award winning team. We have earned a Judge's Award (2006), website recognition (2009, 2010, and 2011), The Woodie Flowers Award for our mentor, and Spirit Awards (2011, 2019). In 2016, Ramona Rampage went all the way to the National FIRST Robotics Championship in St. Louis, Missouri, to compete with teams from around the country and the world. This after-school club meets twice a week and all day Saturdays and Sundays for seven weeks in January and February.

LABORATORY ASSISTANT - 6600  
Prerequisites: None  
Grade: 12

Pass/fail credit will be given for this course. Student will assist instructor in preparations for laboratory and lecture phases of a particular science course.
THEOLOGY DEPARTMENT
Graduation Requirement: 40 units

THEOLOGY 9
SCRIPTURE VALUES - 7275
Prerequisite: None  
Grade: 9

This course offers a general knowledge and appreciation for the Old and New testaments, with a focus on the deeper meaning of the person and message of Jesus. The course will explore revelation, both Divine and natural, the unfolding of salvation history, with a particular focus on Jesus Christ as the fulfillment of salvation history. Jesus as the second person of the Trinity, Incarnation, and Paschal Mystery are major concepts. The course will also provide scriptural interpretation skill strategies as well as time and space to reflect on personal values and personal response to the call of discipleship.

THEOLOGY 10
THE CHURCH / SACRAMENTS - 7380
Prerequisite: None  
Grade: 10

During the first semester, the course guides the students in exploring and understanding the Catholic Church, as well as its origin, structure, and mission. The course also explores how the Paschal Mystery informs our daily lives, our prayer, and our participation in the life of the Church. Additionally, the course addresses the roles of the hierarchy, those in religious life, and the laity in supporting the mission of the Church. Particular attention is paid to the global presence of the Church as a light to all people.

In the second semester, students will come to understand that God is present to us in a very special way in the sacraments. The sacraments provide an opportunity to encounter Christ in a full and real way. The students will encounter the mystery and glory of the Paschal Mystery as felt through the sacraments. The focus of this course is to help the students to learn about the seven sacraments, especially the Eucharist, to enable them to more fully participate in them. The course also explores the history, scriptural foundation, and current practices of the sacraments.
THEOLOGY 11
MORALITY/SOCIAL JUSTICE - 7380
Prerequisite: None
Grade: 11

The first semester of the course explores and deepens the concepts of the goodness of creation, Original Sin, and the promise of the Messiah, and our salvation through the Paschal Mystery. During this course, students will examine the elements of Christian morality: ethical decision-making, Gospel values, internal freedom, responsibility, Church laws and the stages of moral development. Students will be challenged to carry out the vision of Christ as members of an effective moral community and to discover the importance of conscience formation in making personal, moral decisions.

Companioning with morality, the year course will also focus on understanding the social teachings of the Church. It will address the major themes of Catholic social teaching, what they express about God’s plan for all people, and our obligations to care for one another, especially those most in need in society, and the environmental world. The course will work to move students to a life of service and work for the Kingdom of God.

THEOLOGY 12
SPIRITUAL LIFE/WORLD RELIGIONS – 7575
Prerequisite: None
Grade: 12

The first semester will focus on ways in which the interior faith finds expression. The full development of the human person and the particular perspective of women of faith will be considered. In learning the tradition and practice of discernment, students will be able to find steps toward their particular vocations. A range of spiritual practices will be explored from both the Catholic tradition and other faith traditions.

In the second semester, the focus shifts outward to the study of the key elements of belief and practice of the major world religions including the following: Judaism, Islam, Hinduism, Buddhism, Chinese Religions, and Japanese Religions. Students will be given the opportunity to explore, understand, and appreciate the communal, cultural, and historical dimensions of religion and the process by which religions develop.

All Texts have been approved for use by the UCCB (United States Conference of Catholic Bishops).
VISUAL AND PERFORMING ARTS DEPARTMENT

Graduation Requirement: 20 units

(P) designates UC/CSU approved course; (HP) designates honors UC/CSU approved course; (AP) indicates an Advanced Placement Course

VAPA specifics: Ten of these twenty units must be taken in the same discipline, as a one-year course or as two one-semester courses, and they must be completed within the 7-block class day.

PERFORMING ARTS:

CHOIR I (P) – 3100

Prerequisite: None
Grades: 9-12

This is a choral music class focusing on beginning to intermediate choral singing. Students study elements of vocal production, part singing, and performance protocol. Emphasis is given to the recognition and comprehension of melodic and rhythmic patterns as well as basic music theory. In addition, students will study and perform sacred and secular works from various historical periods and cultures, as well as from contemporary popular and liturgical music. Participation in performances is required. Some performances will occur outside of school hours.

CHOIR I SEM I (P) – 3125

Prerequisite: None
Grades: 9-12

This is one semester only of the year-long Choir I. See class description under Choir I #3100. It is for students interested in being in the choir but can fit only one semester of Choir I into their schedules. Participation in performances is required. Some performances will occur outside of school hours.

CHOIR II (P) – 3200

Prerequisite: Choir I
Grades: 10-12

This is the year-long course for those who have already taken Choir I. See class description under Choir I #3100. Participation in performances is required. Some performances will occur outside of school hours. Estimated incidentals for concert attire approximately $25.

CHOIR III (P) – 3200

Prerequisite: Choir I, II
Grades: 11-12

This is the year-long course for those who have already taken Choir II. See class description under Choir I.
CHAMBER SINGERS (P) – 3400  
Prerequisite: Audition; at least 1 year in a Ramona choral ensemble, application/acceptance by instructor.  
Grades: 10-12  
This is a year-long choral music class focusing on advanced choral singing. Students must demonstrate, through audition, the ability to learn and perform more complex music at a rapid pace. Emphasis is given to advanced music theory and sight-reading skills. Students will study and perform sacred and secular works from various historical periods and cultures, as well as contemporary popular and liturgical music in performance venues both on- and off-campus. Participation in performances is required. Some performances will occur outside of school hours.

HONORS CHAMBER SINGERS (P) – 3475  
Prerequisite: Audition, at least 1 year in a Ramona choral ensemble, and acceptance by instructor.  
Grades: 10-12  
The honors option is available at the instructor’s discretion. Honors students will be expected to fulfill all requirements listed above for Chamber Singers, as well as function as section leaders, cantors, soloists, and small ensemble singers. Additional requirements may include solo work, research papers and extra concert observations. Participation in performances is required. Some performances will occur outside of school hours.

BELL/CHIME ENSEMBLE (P) – 3385  
Prerequisite: None  
Grades: 10-12  
The Bell/Chime Ensemble presents a musical opportunity for students wishing to be involved in a performing ensemble, regardless of previous experience in reading music or playing handbells or handchimes. Basic and advanced techniques of playing handbells and handchimes are acquired and developed. Students will rehearse and perform original music for handbells and handchimes as well as transcriptions. In addition, students will acquire and continue to develop proficiency in reading music and ringing technique, including music theory and advanced ringing skills. Participation in performances is required. Some performances will occur outside of school hours.

DRAMA (P) - 3585  
Prerequisite: None  
Grades: 9-12  
This year-long course is designed to introduce the art of the actor through performance. It also introduces the history of drama, the elements of theatrical design, and the craft of research and writing for and about theatre and film. Students will develop their aesthetic perception by critically thinking about theatre and film. They will develop their creative expression through writing, performance, and design projects. They will make connections to other subject areas by applying theatre skills to those other subjects. They will develop a sense of theatre history and its cultural context through research. By the end of the first semester, students will have a beginning understanding of the history of drama and the skills involved in the dramatic profession. By the end of the course, students will write, design, act, direct, and produce original theatre pieces.

DANCE ENSEMBLE - 2511  
Prerequisite: None  
Grades: 9-12  
Student may earn 1-semester of VAPA credit (Non UC/CSU credit) upon the completion of a semester of afterschool classes and performance. Students will develop literacy in dance and will cover the four artistic processes addressed in the California Art Standards for Dance. Students will analyze a performance and connect it to personal experiences and historical context. Units will be applied at the discretion of the director in consultation with the VAPA department chair. There is no grade for this course only a credit or no credit mark.
PLAY PRODUCTION - 3213

Prerequisite: None

Grades: 9-12

Student may earn 1-semester of VAPA credit (Non UC/CSU credit) upon the completion of a full production process. This requires after school hours as performers and/or technical crew members. Students will develop literacy in theatre and will cover the four artistic processes addressed in the California Art Standards for Theatre. Students will analyze a performance and connect it to personal experiences and historical context. Units will be applied at the discretion of the director in consultation with the VAPA department chair. There is no grade for this course only a credit or no credit mark.

STUDIO ARTS:

VISUAL ART I & II (P) - 3800

Prerequisite: None

Grades: 9-12

This year-long (two semesters) course is designed to give students the necessary technical and perceptual tools to increase their interest in art and give them confidence to pursue higher visual art challenges. Students learn through various projects how to identify art movements and styles. Through individual and group critiques, students also develop their ability to evaluate artwork and increase their ability to communicate ideas in a forum where a dialogue based on aesthetics is respected and encouraged. Students will be introduced to a variety of media and techniques in order to develop their aesthetic sensibilities. Students will also develop a strong personal portfolio comprising their own body of artwork throughout the year.

Visual Art I (as a semester) is 3815; Visual Art II (as a semester) is 3810.

VISUAL ART III (P) - 3980

Prerequisite: Visual Arts I and II

Grades: 10-12

The structure of the year-long Art III class is designed to introduce advanced concepts and technical skills in art. Originality, creativity, and design through self-expression are emphasized. The student will be required to show a significant amount of technical proficiency and creative process on each project. Art III students will share the same class with AP Studio Art students and will participate in all class work exercises, lectures, discussions, and critiques. Artist, museum, and gallery visits are an integral part of this course of study.
ADVANCED PLACEMENT STUDIO ART AND DESIGN {2-D ART AND DESIGN, 3-D ART AND DESIGN, DRAWING} (AP) - 3990

Prerequisite: One Year of Visual Arts I & II; one year of Visual Art III or equivalent instruction outside Ramona

Grades: 10-12

Additional Requirements: Students must attend an information meeting and fill out an application and commitment form. They must submit for review to the AP Studio Art instructor 5 works of high quality (per rubric at the College Board site) and a concentration proposal with one example work.

Course Description: This year course is a rigorous advanced study in art that requires self-motivation and guidance, along with extensive work outside of class. Time management and commitment are essential. The projects completed in this class are designed to meet the requirements for the College Board AP portfolio. Artist, museum, and gallery visits are an integral part of this course of study. Please note that there are extra costs for this course. Students must provide their own art materials and must incur the cost of photographing their work for the portfolio submission.

CERAMICS I (P) - 3850

Prerequisite: None

Grades: 9-12

This semester course is a technical and aesthetic exploration of 3-dimensional design through the medium of clay. The course will also include 2-dimensional basic drawing and layout skills. The student will participate in a wide range of experiences using additive or subtractive sculpture techniques designed to build artistic and creative confidence. The products created in this course may be functional items or fine art works. Library research will inspire the appreciation of ethnic and cultural ceramic artwork.

CERAMICS II (P) - 3875

Prerequisite: Ceramics I

Grades: 10-12

This semester course is a technical and aesthetic exploration of 3-dimensional design through the medium of clay. The course will also include 2-dimensional basic drawing and layout skills. Emphasis will be on the use of the potter’s wheel. Sculptural forms will cover both realism and abstraction. Glazing techniques and decorating will be more advanced than in Ceramics I.

CERAMICS I & II (P) — taken as a year course — 3870

CERAMICS III (P) – 3880

Prerequisite: Ceramics I, II

Grades: 10-12

This semester course is a continuation of Ceramics II, in which a student will be taught advanced methods of hand-slab and coil pottery-making, ceramic sculpture, and decorative glazing. Along with advanced projects from the potter’s wheel, additional library research will inspire the appreciation of contemporary ceramic forms.

CERAMICS IV (P) — 3880

Prerequisite: Ceramics I - III

Grades 10-12

This semester course is a continuation of Ceramics III, in which a student will be taught and choose from advanced methods of hand-slab and coil pottery-making, ceramic sculpture, decorative glazing, along with advanced projects from the potter’s wheel. Students will explore a concentration of work in ceramics.
DIGITAL MULTIMEDIA DESIGN (YEARBOOK) (P) - 3950
Prerequisite: None
Grades: 10-12

Digital Multimedia is a course designed for students who are interested in exploring various elements of the arts, digital theory, design, and technology. Various technology platforms such as digital photography, Adobe PhotoShop, Adobe InDesign, Adobe Illustrator, GIMP, Windows MovieMaker, and iMovie will be utilized to facilitate the hands-on coursework learning experience. Students will learn to apply these technologies to understand the role of graphic design in expressing a concept, promoting a product, or advancing a marketing campaign. Class participants will be instructed in the process of how to complete numerous computer based projects, beginning with the original concept, to designing and completing the final project according to a production deadline. Students will research and analyze the historical and cultural context of design, design technologies, and how they have developed through time. Students will employ the conventions of art criticism to process and judge design pieces using their knowledge of the elements of art and principles of design. Students develop skills in technology based programs, problem solving, communication, and time management that prepare them for leadership roles in artistic, engineering, production/direction, sales & marketing, and further higher-educational development.

ADVANCED ART STUDIES (P) - 3980
Prerequisite: approval of department chair
Grades: 11-12

Advanced Art Studies is a semester art course that may be arranged by special written petition. These are independent study courses designed by teacher and student which are offered in both visual and performing arts. They are available to the self-initiating and motivated 11-12th grade student who has consistently demonstrated advanced abilities to time-manage, problem-solve, and excel in either visual or performing art classes. Guided by the student’s interest and designed by the teacher and the student, these rigorous classes are additional to a student’s full load.
WORLD LANGUAGES DEPARTMENT
Graduation Requirement: 20 units in same language
(P) designates UC/CSU approved course; (HP) designates honors UC/CSU approved course; (AP) indicates an Advanced Placement Course

AMERICAN SIGN LANGUAGE I
Prerequisite: None
Grades: 9-12
This introductory course is designed to provide students with the basic technical skills needed to use simple and basic ASL when communicating with Deaf people. Students will also learn and practice the ASL fingerspelling system, the use of gestural devices and how to appropriately use the signing space in ASL. This course will incorporate vocabulary, grammar, a basic understanding of Deaf culture and the Deaf community. The study of deaf culture and community is an integral part of this course. In addition, historical figures of the Deaf community will be also be introduced. This course requires active participation.

AMERICAN SIGN LANGUAGE II
Prerequisite: None
Grades: 9-12
This course is the continuation of our beginning level course in American Sign Language (ASL). In this course, students continue their study of finger spelling, vocabulary and grammar structures. Students use their newly acquired vocabulary and grammar structures to communicate with particular emphasis on comprehension. Additionally, students continue to have opportunities to compare the grammatical structure of ASL with those of English and examine the cultural aspects of deafness.

FRENCH I (P) – 4000
Prerequisite: None
Grades: 9-12
This course is an introduction to the study of French with emphasis on all language skills. Core grammar structures and vocabulary are learned in oral, listening, and written activities. Readings are introduced throughout the course. The study of French/Francophone culture is an integral part of the course. Students will participate in the National French Contest. The National French Contest is a student contest approved by the NAASP (National Association of Secondary School Principals).

FRENCH II (P) - 4010
Prerequisite: passing grade in French I
Grades: 10-12
This course is a continuation of all four language skills with a greater development in writing, reading, listening, and oral skill. The study of French/Francophone culture is an integral part of the class. Students will participate in the National French Contest. The National French Contest is a student contest approved by the NAASP (National Association of Secondary School Principals).

FRENCH III (P) - 4020
Prerequisite: B or better in French II
Grades: 11-12
This course further cultivates all four language skills. It incorporates greater development of writing, speaking, and reading skills, with emphasis on advanced grammar and vocabulary building. The study of French/Francophone culture is an integral part of the class. Students will participate in the National French Contest. The National French Contest is a student contest approved by the NAASP (National Association of Secondary School Principals).
ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE (AP) - 4030
Prerequisite: B or better in French III
Grade: 12

This course improves oral and written work in grammar, reading, and composition, all of which emphasize French culture. This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. This course enhances critical thinking and analytical skills necessary for success in college. Students will also participate in the National French Contest. Students who enroll in the class will take the AP examination.

SPANISH I (P) – 4100
Prerequisite: None
Grades: 9-12

This course is an introduction to the study of basic Spanish comprehension, speaking, reading and writing skills. Core grammar, including present, present irregular, preterit, preterit irregular, and present progressive tenses. Basic vocabulary is introduced. Spanish and Latin American cultures are an integral part of this course.

SPANISH II (P) - 4110
Prerequisite: passing grade in Spanish I
Grades: 9-12

This course is a continuation of the development of all four-language skills. There is development in writing, reading, and oral skills. Advanced grammatical structures are studied. The grammar includes, but is not limited to, the preterit tense, all command forms, the imperfect tense, relative pronouns, all progressive tenses, and object pronouns. The future and conditional tenses are included. Vocabulary is enriched and Hispanic cultures are studied through readings and activities. The preliminary chapters in the textbook review material previously taught.
SPANISH III (P) - 4120

Prerequisite: B or better in Spanish II

Grades: 10-12

This course further develops all four-language skills. There is emphasis on advanced grammar, which includes, but is not limited to, the subjunctive, all relative pronouns, all compound tenses and verb clauses. Vocabulary is further built and sophisticated locutions are introduced. Readings are included that address culture, contemporary issues in Spanish-speaking countries and reinforce vocabulary. There is extensive training in written and oral skills. Each chapter reviews material taught in Levels I and II.

ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE (AP) - 4130

Prerequisite: B or better in Spanish III

Grades: 9-12

This college level course continues to address all the basic language skills. There are readings from Spanish and Latin American cultures. This course enhances critical thinking and analytical skills necessary for success in college. The six learning objectives of this AP course are as follow: 1) spoken interpersonal communication, 2) written interpersonal communication, 3) audio, visual, and audiovisual interpretive communication, 4) written and print interpretive communication, 5) spoken presentational communication, and 6) written presentational communication. Students who enroll in the class will take the AP examination.

ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE (AP) - 4250

Prerequisite: B in AP Spanish Language or a B+, and a score of “3” or higher on the AP Spanish Language exam.

Grades: 10-12

This college level course focuses on specific Spanish and Latin American authors and movements. There is particular attention to language and cultures requiring the student to have a serious approach to her studies. This course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), while using critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons. Students must have the self-discipline and self-motivation to complete the course work in a timely manner. Students who enroll in the class will take the AP examination.

ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE (AP)

Prerequisite: students self-study for this exam

Grades: 9-12

The exam assesses students’ interpersonal, interpretive, and presentational communication skills in Mandarin Chinese, as well as knowledge of Chinese culture. Students may choose between traditional or simplified Chinese characters for reading and writing in Chinese.
FRESHMAN FOUNDATIONS – 9801

Prerequisite: none

Grade: 9

This course is designed to renew student abilities in fundamental academic skills that are necessary for high school success such as effective written and oral communication, research skills, self-advocacy, study skills, and much more. The objective of the class is to identify each students’ academic strengths and weaknesses and spend the time building and honing those skills to promote individual success, therefore this is a course for students of all abilities and backgrounds. This course is designed to be complementary to students’ coursework by addressing specific assignments and assessments in those classes. Students will spend time on interpersonal skills and other activities that may have been underutilized during distance learning.
AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. Students will: question and explore, understand and analyze arguments, evaluate multiple perspectives, synthesize ideas, and work as teams to transform and transmit information, as they evaluate multiple points of view to develop their own perspectives on complex issues and topics through inquiry and investigation.

AP Capstone is comprised of two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the discipline-specific study in other AP courses. AP Seminar is taken in the 11th grade, followed by AP Research in the 12th grade. This program is a 2-year commitment.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

**AP SEMINAR**

Prerequisite: Application and approval by department; concurrent enrollment in at least 2 other AP course in 11th grade.

Grade: 11

AP Seminar is a foundational, skill-centered course that engages students in interdisciplinary academic conversations - inquiries into the complexities of the world around us - and asks students to develop independent claims rooted in the analysis of divergent perspectives within those conversations.

Through database work, guided reading of academic articles, and the exploration of art, theory, philosophy, scientific data, and culture, students will learn to synthesize information from multiple sources, articulate their position in evidence-based arguments, and design and deliver oral presentations, both individually and as part of a team.

Course topic subject to change yearly.

**AP RESEARCH**

Prerequisite: Successful completion of AP Seminar; total enrollment in at least 5 other AP courses in grades 10-12

Grade: 12

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a yearlong investigation to address a research question. The second course of a two-course sequence, this course culminates in an academic paper of 4,000 to 5,000 words and a presentation with an oral defense.
ELAC (East Los Angeles City College) 
Dual Enrollment Program

Ramona Convent has paired with ELAC to provide 11th and 12th graders with a selection of ELAC college courses taken asynchronously at Ramona Convent, and taught by a college professor. This ELAC course will serve as one elective. Students that complete their chosen ELAC course will earn both high school credit as well as college credit that is transferable to the Cal State and UC University systems.

Students enrolled in this program will be required to work independently on this asynchronous class with an ELAC professor, to take on a high degree of responsibility, and meet all standards, requirements, and timelines placed on me by ELAC in order to complete and pass this college course.

More information can be found on ELAC’s website:
https://www.elac.edu/Student-Services/Student-Outreach-Recruitment/Early-College-Program-Dual-Enrollment

Anticipated ELAC course offerings for 2022-23 are:
Sociology 001
Chicano Studies 001
Law 002
English 101
A student applying for admission as a freshman to the University of California must have completed at least 16 units of high school courses (equivalent to 16 year courses or 32 semester courses). Fifteen of these units must have been earned in academic or college preparatory courses, as specified in the “a-g” course requirements list. At least seven of the fifteen units must have been earned in courses taken during the last two years of high school.

Note: Honors classes geared to ninth or tenth graders are not recognized as honors classes by the UC system (e.g., Honors Biology, Honors Algebra II/Trig).

The “a-g” list can be summarized as follows:

(a) **History / Social Science** – Two years required, including one year of U.S. history or one-half year of U.S. history and one-half year of civics or American Government; and one year of world history, cultures, and geography.

(b) **English** – Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature.

(c) **Mathematics** – Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry.

   {Ramona recommends 4 years of Mathematics}

(d) **Laboratory Science** – Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry, and physics.

   {Ramona recommends 3-4 years of Lab Science}

(e) **Language other than English** – Two years of the same language other than English.

   {Ramona recommends 3-4 years of World Language}

(f) **Visual & Performing Arts** – One year, including dance, drama/theater, music, and/or visual art. Students must satisfy the VAPA requirement by completing an appropriate single course in a year-long sequence (i.e., the second semester must be the continuation of the first semester, requiring the first semester as a prerequisite).

(g) **College Preparatory Elective** – In addition to those courses required in “a-f” above, one year (two semesters) of college preparatory electives are required, chosen from visual and performing arts, history, social science, English, advanced mathematics, laboratory science, and language other than English.

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_The California State University system has agreed to accept courses certified by the University of California to meet its subject area requirements, which are virtually the same as California State University’s requirements._