

COURSE CATALOG

2024-2025



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Note: Servite High School reserves the right to change or modify policies, regulations, curricula, courses, tuition and fees, or any other aspect of the programs described in this catalog at any time. Not all courses listed in this catalog will be available every school year. All courses are offered based solely on student request.

Catalog Effective Date: February 2024

MISSION & PHILOSOPHY

URBI ET ORBI

Servite High School develops leaders through a formation process informed by the Catholic faith and the charism of the Order of Friar Servants of Mary.

MISSION STATEMENT

Servite High School is a Catholic preparatory school which accepts young men of all religious, ethnic, and socioeconomic backgrounds. Recognizing that parents are the primary educators, we develop Faith-Filled leaders through an intentional and multidisciplinary Formation process founded upon the Catholic faith and the charism of the Order of Friar Servants of Mary (Servite Friars).

PHILOSOPHY STATEMENT

Progress becomes true progress only if it serves the human person and if the human person grows not only in terms of his or her technical power but also in his or her moral awareness. I believe that the real problem of our historical moment lies in the imbalance between the incredibly fast growth of our technical power and that of our moral capacity, which has not grown in proportion. That's why the formation of the human person is the true recipe, the key to it all, I would say, and this is what the Church proposes.

Benedict XVI, Interview, 2006

At Servite High School, formation is the process by which a Friar becomes the person he has been called to be by God. The formation process is concerned with the complete human person and, consequently, is driven by a single question: "Who am I?" Without intentional, systematic formation, the Friar's human and spiritual development is without proper concern for the unique vocation that God has called him to fulfill.

In The Catholic School, the Sacred Congregation for Catholic Education (SCCE) reminds us that, "The school must begin from the principle that its educational program is intentionally directed to the growth of the whole person." An educational program directed in this way requires attention to the fundamental components within each student: the body and the soul. More specifically, the soul is comprised of the intellect and the will. Thus, "whole person" involves three principle components understood as follows:

- The body is the vehicle which gathers information from and responds to the world around us.
- Intellect organizes and interprets the information gathered.
- The will is the ability to choose how to use the gathered information.

Properly used, intellect arranges the gathered information in such a way that truth is discovered. Once truth is discovered, one can choose to act in accordance with truth, or contrary to it. Goodness is choosing to act according to what we know is true and thus right. The will is our ability to make that choice.

Servite High School believes it is vital to place proportionate emphasis on the development of the body, intellect and will. An imbalance in this regard results in information being inadequately gathered, poorly processed, or improperly applied. Therefore, to direct the formation of the whole Friar in a balanced, intentional, and systematic way, Servite High School has developed a formation process that culminates in leadership.

Within the context of formation, teaching is not limited to the classroom experience. All members of the faculty and staff play an active role as teachers and guides in the formation of every student. The importance of each member's active and proper participation cannot be overstated. As the SCCE reminds us in *The Catholic School on the Verge of the Third Millennium*:

“Teaching has an extraordinary moral depth and is one of man’s most excellent and creative activities, for the teacher does not write on inanimate material, but on the very spirits of human beings. The personal relations between the teacher and the students, therefore, assume an enormous importance and are not limited simply to giving and taking. Moreover, we must remember that teachers and educators fulfill a specific Christian vocation and share an equally specific participation in the mission of the Church, to the extent that it depends chiefly on them whether the Catholic school achieves its purpose.”

Thus, every component of the school experience provides a unique and vital element in each student’s formation. The whole Friar is formed and affected by every activity and relationship that comprises his unique Servite experience.

Bearing all of this in mind, Servite High School forms faith-filled leaders and friars who embrace Christ, love Christ, imitate Christ, live Christ, and be Christ, to draw others to Christ.

INTEGRAL STUDENT OUTCOMES

SPIRITUAL AND ETHICAL FORMATION

A Servite High School graduate is a leader who, through a deliberate process of formation:

- Develops his body, intellect and will through participation in a college preparatory curriculum, liturgical and service experiences, and team-based activities.
- Accepts religious, ethnic, and cultural diversity and works collaboratively with others in accordance with Catholic social teaching.
- Acknowledges his relationship with God and lives in a Christ-like manner as demonstrated through participation in prayer, liturgy, sacraments, counsel, retreat experiences and Christian service.
- Understands, respects, and applies the teachings of the Catholic Church and the charism of the Order of Friar Servants of Mary (fraternity, service, and Devotion to Mary).
- Knows and lives the Gospel of Jesus Christ and recognizes that God calls every person into a relationship with God, the Father, the Son, and the Holy Spirit.
- Demonstrates, in word and deed, the Centrality of Christ.

ACADEMIC AND INTELLECTUAL FORMATION

A Servite High School graduate is a leader who, through a deliberate process of formation:

- Develops a lifelong desire for learning that culminates in wisdom.
- Demonstrates mastery of the academic curriculum to succeed in post-secondary education.
- Exhibits intellectual maturity by evaluating multifaceted challenges and opportunities and creating innovative solutions.
- Demonstrates proficiency in the use of current technologies relevant to higher education and the workplace.
- Develop insight into Sacred Scripture to find personal meaning.
- Gains the knowledge of humanity which fosters a reverence for life.
- Demonstrates, in word and deed, the Primacy of Faith.

PERSONAL AND SOCIAL FORMATION

A Servite High School graduate is a leader who, through a deliberate process of formation:

- Communicates effectively and respectfully with persons and groups from diverse backgrounds.
- Emulates the Blessed Mother in her example at the foot of the Cross.
- Lives life whereby the Gospel of Christ is the motivating power that guides his behavior.
- Understands and applies the ethical and legal use of technology.
- Demonstrates, in word and deed, Mastery of Self and Necessity of the Other.
- Embraces Christ, loves Christ, imitates Christ, lives Christ, and is Christ, to draw others to Christ.

ADMINISTRATION

PRESIDENT

Stephen Walswick '02

PRINCIPAL

Nancy Windisch

DEAN OF ACADEMICS

Brian Hunt

ASSISTANT PRINCIPAL OF CATHOLIC IDENTITY

Brendan Ronan

DEAN OF STUDENTS

David Hill '80

COUNSELING

SR. DIRECTOR OF COUNSELING - 10TH-12TH A-G

Hilary Recknor, M.A., PPS

COUNSELOR - 9TH

Ellise Floreani M.A., PPS, APCC

COUNSELOR - 10TH-12TH H-P

Caroline Tran-Ryan, LMFT, PPS

COUNSELOR - 10TH-12TH R-Z

Oscar Gonzalez, M.A., PPS, CWA

DIRECTOR OF SUPPORT SERVICES

Lisa Barnard

SUPPORT SERVICES COORDINATOR

Jessica Jimenez

REGISTRAR

Andrea Valenzuela

PERSONAL COUNSELOR

Inspired Resolutions - Brandon Joffe

PLANNING YOUR SCHEDULE

This course catalog is intended to convey information to both students and parents about the offerings at Servite High School and to help in selecting and planning course schedules.

Parents are urged to study the course catalog and consult counselors, and teachers as appropriate. Students, please consider the following in your planning process:

- Read your catalog carefully, and focus attention on graduation requirements, course prerequisites, and academic policies to prepare for higher education and career.
- Study the required and elective subjects that are offered at each grade level.
- Talk with your teachers about courses offered in each department.
- Consider alternate courses, if necessary.
- Talk with your counselor about choices available to you.
- Approval will be based on space availability as determined by the administration, graduation requirements, course prerequisites, and/or department recommendation.

GRADUATION REQUIREMENTS

All courses offered at Servite High School are designed for the college and university-bound student. For graduation from Servite High School, the Classes of 2024 through 2026 are required to complete 270 academic credits, as described below. The Class of 2027 and beyond will be required to complete 260 academic credits, as described below. A one-year course meeting daily earns a student ten (10) academic credits. All required courses in all disciplines must be passed and **no student may graduate from Servite with an unredeemed 'F' on his transcript**. In addition to credit requirements, no 'F' policy, and Christian service hours, there are also specific course requirements. Students are required to complete the following:

CLASSES OF 2025 - 2026	
Theology	40 credits
English	40 credits
Laboratory Science	20 credits (Biology + 1)
Mathematics	30 credits (Algebra 1, Geometry, and Algebra 2)
History/Social Studies	30 credits (World, U.S., & Government/ Economics)
World Language	30 credits (all in the same)
Fine Arts	10 credits
Health	5 credits
Physical Education	10 credits
Computer Apps	5 credits
Electives	50 credits
TOTAL	270 academic credits
Christian Service	100 hours over four years
Priory	

CLASSES OF 2027 - 2028	
Theology	40 credits
English	40 credits
Laboratory Science	30 credits
Mathematics	30 credits
History/Social Studies	30 credits (World/Euro, U.S., & Government/Economics)
World Language	20 credits (all in the same)
Fine Arts	10 credits
Physical Education/Health	10 credits
Electives	50 credits
TOTAL	260 academic credits
Christian Service	100 hours over four years
Priory	

Note: A semester course has a credit value of 5, and a year course has a value of 10.

COURSE DISTINCTIONS

COLLEGE PREPARATORY (CP) COURSES

These courses are designed to be a challenge to the student preparing for a college education. Material covered in these courses is presented in a detailed fashion at a pace designed for all students.

HONORS PLACEMENT (HP) COURSES

The course content is essentially the same in most honors sections as it is in the college preparatory classes. Honors sections, however, are conducted at a more accelerated pace and with greater intellectual intensity. Honors courses are traditionally more competitive. Honors placement is determined by departmental standards.

ADVANCED PLACEMENT (AP) COURSES

The College Board offers advanced placement curricula and exams in numerous academic disciplines. These curricula are college level and students often receive some college credit or advanced standing once entering college. Students take AP exams in early May. Performance is evaluated based on 1 (no recommendation) to 5 (extremely well-qualified).

While the criteria for placement in AP courses may vary slightly by department, general criteria are included.

- honors grades
- strong teacher recommendation
- a previous record of timely and successful completion of assignments
- above-average standardized test scores

Due to the rigorous nature of AP coursework, students must meet minimum placement standards and be committed to completing comprehensive reading and writing at the college level with success.

Enrollment in AP courses includes the commitment to write the AP examination for that course in May as well as the commitment to pay the established fee for that examination.

****ALL SERVITE COURSES ARE UC/CSU APPROVED UNLESS OTHERWISE INDICATED****

REQUIREMENTS OF STUDENTS TAKING HONORS (HP) AND ADVANCED PLACEMENT (AP) COURSES

All honors and advanced placement classes require teacher recommendations, based on the following criteria:

HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE STUDENTS TO HAVE MASTERED THE FUNDAMENTAL SKILLS OF ACADEMIC DISCIPLINE.

Students must have mastered the fundamental skills of the academic disciplines involved. Only when they have mastered the basic skills of spelling, grammar, manuscript preparation, problem-solving, calculation, research, experimentation, etc., are students prepared to enter Honors or Advanced Placement classes.

HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE STUDENTS TO WORK INDEPENDENTLY.

Students often must work on assignments without detailed instruction. Students are responsible for asking questions when they do not fully understand material. Students must be prepared to spend a greater amount of time on homework. In addition, they must seek extra help if needed, and make appointments with their teachers to obtain added support.

HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE STUDENTS TO DEVELOP PERSONAL COMMITMENT AND A STRONG WORK ETHIC.

Simply attending classes and behaving acceptably is not adequate. Students must participate in discussions and activities. They must develop an active interest in the concepts they are learning, engage in these concepts, and actively seek answers to questions. Students must commit to doing their best work, not the least work necessary, for a high grade.

HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE STUDENTS TO VALUE LEARNING.

While grades are important and taken seriously, learning must be the priority of students. Students must be able to learn from mistakes. The thinking skills students practice are abstract and often have ambiguous answers. Students must learn to cope with ambiguity and to think through complex questions. Immediate rewards for “right” answers are not always possible in the context of Honors or Advanced Placement classes.

HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE STUDENTS TO MAINTAIN A POSITIVE ATTITUDE.

Students cannot resist a task because it is new or difficult. When work is “easy,” students may be practicing skills rather than learning new ones. Discomfort with new tasks is normal and students must be willing to take risks. They must do their best and strive to see the purpose of the work they are doing.

HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE STUDENTS TO TAKE AN INTEREST IN THE SUBJECT.

Students must be willing to analyze their work in detail and participate in lengthy discussions and projects. Each level of an honors or advanced placement class is preparation for the next. Students must not limit themselves to the assigned material but continually strive to learn more by engaging in outside reading, attending lectures, doing additional research, etc.

PROGRAM OF STUDIES

The following program of studies is required of all students enrolled in the grades indicated. Students must take seven (7) courses for each year of enrollment. A Priority period is required every year. All required courses must be taken at Servite High School. Summer courses must be taken to make up for a failure, and selected courses may be taken for advancement.

FRESHMAN YEAR			
COLLEGE PREPARATORY	MATH/SCIENCE HONORS	LIBERAL ARTS HONORS	FULL HONORS
CP English 1	CP English 1	HP English 1	HP English 1
CP Theology 1	CP Theology 1	CP Theology 1	CP Theology 1
CP Algebra 1	HP Mathematics	CP Mathematics	HP Mathematics
CP Biology	HP Biology	CP Biology	HP Biology
Physical Education/Health	Physical Education/Health	Physical Education/Health	Physical Education/Health
CP Fine Art	*CP Fine Art/ HP World Hist	*CP Fine Art/ HP World Hist	*CP Fine Art/ HP World Hist
CP World Language	CP World Language	HP World Language	HP World Language
Priority	Priority	Priority	Priority

*Honors students selecting HP World History will be encouraged to take a Fine Art over the summer

* Honors students enrolled in the CS Pathway are required to take a Fine Art in the summer

Incoming freshmen are usually placed in College Prep (CP) Algebra 1 or Honors (HP) Algebra 1. Students have the option to take a challenge exam to place in CP or HP Algebra 2/Trig.

SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
English 2	English 3	English 4
Mathematics	Mathematics	Math/Elective
Theology 2	Theology 3	Theology 4 (Critical Reflections)
*World History (CP/HP/AP/AP Euro)	U.S. History	Government and Economics
Science/Elective/Fine Art	Chemistry (or other)	Elective/Fine Art/Science
World Language 1 or 2	World Language 2 or 3	World Language 3/Elective
Elective/Sport	Elective/Sport	Elective/Sport/Senior Privilege
Priority	Priority	Priority

*Or elective if taken World History freshmen year

PLANNING FOR THE FUTURE

COLLEGE ADMISSIONS INFORMATION

UNIVERSITY OF CALIFORNIA ENTRANCE ACADEMIC REQUIREMENTS

The Subject Requirement specifies the 15 year-long academic courses you must complete in high school including the a-g requirements with a minimum grade of “C” in each semester of each course.

Because many campuses receive applications from more eligible students than spaces available, meeting the minimum requirements for any of these paths will not be enough to gain admission to the campus of your choice.

Grades received in courses taken in the ninth grade or earlier are not used in determining your GPA for admission, although subject requirements may be satisfied with grades of “C” or better in these courses. Only semester grades are used in calculating the GPA.

The minimum GPA to apply to a UC campus is 3.00.

See link to learn how to calculate the UC Freshman GPA.

<https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/gpa-requirement.html>

UC ADMISSION REQUIREMENTS	
a. Social Science/History	2 years (3 recommended)
b. English	4 years
c. Mathematics (Algebra I, Geometry & Algebra II)	3 years (4 recommended)
d. Science w/lab (Bio, Chemistry, and/or Physics)	2 years (3 recommended)
e. Language other than English (same language)	2 years (3 recommended)
f. Visual and performing arts	1 year
g. College-preparatory elective (chosen from the subjects listed above)	1 year

CALIFORNIA STATE UNIVERSITY ENTRANCE REQUIREMENTS

Subject Requirement: The CSU requires a minimum 15-unit pattern of courses for admission as a first-time freshman. Each unit is equal to a year of study in a subject area. A grade of “C” or higher is required for each course you use to meet any subject requirement.

- **California residents and graduates of California high schools will be eligible for admission by earning a 2.50 or greater “a-g” GPA.**
- Any California high school graduate or resident of California earning a GPA between 2.00 and 2.49 may be evaluated for admission based upon supplemental factors such as number of courses exceeding minimum “a-g” requirements, household income, extracurricular involvement, and other available information that would inform the campus admission decision.
- Campuses and programs designated as impacted may utilize higher “a-g” GPA thresholds for applicants, as well as identify supplemental criteria and their relative weights, in making admission decisions. See the link for complete updated information on determining admissions eligibility.
<https://www2.calstate.edu/apply/freshman/Pages/first-time-freshman-guidance.aspx>

CSU ADMISSION REQUIREMENTS	
English	4 years
History/Social Science (1 year of US History & 1 year of World)	2 years
Mathematics (Alg 1, Geometry, Alg II)	3 years
Science w/Lab (1 year Biological and 1 year Physical)	2 years
Foreign Language (same language)	2 years
Visual & Performing arts	1 year
College Prep Elective (approved course from the subject areas above)	1 year

CALIFORNIA COMMUNITY COLLEGE ENTRANCE REQUIREMENTS

Entrance Requirements: All persons 18 years of age or older who can profit from instruction are eligible for admission as a California resident or nonresident. Anyone under the age of 18 who is a high school graduate or has been awarded a GED or California High School Proficiency Certificate may also enroll. Find the community college in which you are interested in more specific information.

Community colleges offer Associate’s degrees, prepare students for transfer to four-year institutions, provide opportunities for lifelong learning, and train the workforce that sustains California’s economy. An Associate’s degree is designed to be finished in two years (after about 60 credits) and is made up of core classes like English, History, Math, Government, Arts, and Science.

Some 80,000 California community college students transfer seamlessly to a University of California or California State University campus every year. Every year, nearly 40,000 California community college students earn an Associate Degree for Transfer that guarantees them admission as juniors to a Cal State campus and other participating universities.

<https://www.cccco.edu/Students/Transfer>

<https://assist.org/>

ENGLISH

DEPARTMENT



2111 CP English 1

Year Course - Required for graduation

2153 HP English 1

Year Course

Prerequisites: Selection for Honors Placement

This course provides the students with an introduction to techniques of formal literary analysis. Through units on poetry, short stories, drama, non-fiction and the novel, teachers emphasize the distinguishing characteristics of major literary genres and the basic terminology essential to all literary discourse. In addition, the course provides students with help in the more general areas of reading comprehension, vocabulary building, and note taking.

In addition to the above, Honors English I aim to provide students with knowledge of the writing process in general, including its pre-writing, writing, and revising stages. Pre-writing stresses the thinking process, the process of generating ideas and information that goes into the writing of any substance. Extensive work on fundamental grammar, English usage, and sentence structure, and paragraph organization gives students a strong analytical knowledge of the formal writing stage. Finally, students learn the essential techniques of writing revision, including the correction of any conceptual, structural, or mechanical errors.

2201 CP English 2

Year Course - Required for graduation

2251 HP English 2

Year Course

Prerequisites: A or B in HP English 1 or A- in CP English 1 & Teacher Recommendation

The sophomore (CP) English class builds on the literature and composition development of the freshman year. The composition portion of the course focuses on a review of grammar and sentence structure, English usage, and mechanics. The course develops the three-step composition process learned in the freshman year. The literary portion entails an analysis of the major genres. Teachers introduce techniques of close reading for literary analysis.

The Honors (HP) English 2 course offers a survey of classical and medieval literature. The curriculum is intended to provide the student with a background in classical Greco-Roman, Biblical, and medieval literature.

2301 CP English 3

Year Course - Required for graduation

2351 HP English 3

Year Course

Prerequisites: A or B in HP English 2 or A- in CP English 2 & Teacher Recommendation

The literature portion of this course presents students with a chronological survey of American literature through selected works by traditionally accepted major authors. Background lectures and class discussions typically treat readings in the context of American intellectual and literary history. Classes also examine rhetorical and aesthetic issues common in the broader study of language and literary technique. Finally, teachers encourage students to begin formulating independent critical judgments of literature through study questions and essay assignments on assigned readings. The composition part of the course emphasizes the careful development of ideas in extended paragraphs and essays. Students work to refine their composition skills through a review of the basic elements of sound writing. Extensive work in revising helps prepare students for work in college composition.

Honors English III is a course designed to invite students to explore their voices, identities, and values by evaluating the diverse personalities, themes, and experiences within American literature (19th century-present). Junior year is a school year of intentional formation. This course's literature and Performance Writing Tasks champion self-reflection, critical thinking, emotional intelligence, individuality, empathy, and Catholic values.

2401 CP English 4

Year Course - Required for graduation

The fourth-year program in English is a survey course that begins with the Anglo-Saxon Age and concludes with the 20th Century. The history and development of the English language is studied in conjunction with the literature. Grammar rules and their application are reinforced by a deductive method of review. Composition assignments will guide the student from a critical analysis of the individual paragraph to a thorough understanding of the structure and development of the essay. Compositions will emphasize persuasion and literary review; the student will develop the skills necessary to compose a well-documented research paper.

British literature beginning with the Middle Ages and concluding with the early 20th century is surveyed in the English 4 course. Teachers place the greatest emphasis on the author's use of literary techniques, the development of genres, and the connection between literary expression and social and historical development. Themes are given due attention as they illuminate a period of human history. Classes explore a variety of critical approaches to the readings, including psychological, sociological, formal, and historical methods. The chief aim of the course is to develop in students an understanding and appreciation of English literature. The course also emphasizes college preparatory writing with frequent essay assignments designed to teach students the essential elements of sophisticated persuasive and expository prose.

2480 AP English Language and Composition

Year Course - Satisfies English 3 graduation requirement
Prerequisites: A or B in HP English 2 or A- in CP English 2 & Teacher Recommendation

The AP English Language and Composition (APELC) course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. 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.

2481 AP English Literature

Year Course - Satisfies English 4 graduation requirement

Advanced Placement English is designed to be a college/

university level course thus the designation for the "AP" on the transcript, rather than "H" for Honors. The reading is challenging, and the writing is both frequent and intense. Students work collaboratively on revisions but must retain an independent mind. As a culmination of the course, students will be invited and encouraged to take the Advanced English Literature and Composition exam in May.

2505 CP Journalism

Year course - All Grade Levels Elective

Journalism is the study of the art of reporting and the profession of journalists. Beginning journalism students receive instruction in all areas of journalism needed to pursue Staff positions in either yearbook (The Story) or newspaper (The Spokesman). Among the areas covered are interviewing, beat reporting, feature writing, news stories, layout design, advertising, journalistic ethics, and professional standards. This course includes extensive reading of models of excellent journalistic techniques and evaluates and analyzes journalistic writing through discussions and critiques. Students will also be assisting with the production of the yearbook in this class.

2515 CP Advanced Journalism

Year Course - Sophomore/Junior/Senior Elective

A second course in Journalism expands on the skills learned in Journalism 2505.

2483 AP Seminar

Year course - Junior/Senior Elective

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments

VISUAL ARTS

DEPARTMENT



Fine Arts Graduation Requirement: For Servite graduation, students are required to complete one year (ten credits) of fine arts credit. Please note: UC and CSU require one year-long course in a single discipline from the Servite UC/CSU - Approved Course List.

7508 CP Drawing

Year course - Sophomore/Junior/Senior Elective

The first semester of this year course places an emphasis on the basic principles of design and elements of art using a variety of dry media in two-dimensional design and composition. Students will learn visual vocabulary, art criticism, aesthetic theory, art history. Careers in art will be explored. Studio applications will constitute a portfolio which will show growth over the course of the year. The second semester places an emphasis on color theory and the use of prism color and aquarelle. It is designed to build upon the basic drawing techniques already learned. Students will develop and practice knowledge of linear and atmospheric perspective, figure drawing, portraiture, and cartooning. There is a fee for materials (\$96.65).

7547 CP Studio Art

Year course - Senior Elective - Limited to 3 students
Prerequisites: Grades in 7508 Drawing; teacher approval

An elective course designed to challenge the advanced art student to pursue projects and areas of individual interest. Instruction includes the use of a wide variety of art tools, media, and techniques. Areas of personal interest as well as new areas open for exploration are encouraged. The development of aesthetic judgment and evaluation is indicated. This is a studio class with an emphasis on portfolio preparation before college application.

7590 CP Film Aesthetics & Production

Year course - Sophomore/ Junior/Senior Elective

This course will examine the way filmmakers create meaning.

Students, through the analysis of popular films, will study the various stages of filmmaking to better understand and appreciate them. They will learn the history of filmmaking and the technological advances that have come about in the art form. Appropriate aesthetic and technical vocabulary will be learned and utilized. Students will learn about the filmmaking process, beginning with screenwriting and concluding with the final sound mix. Projects will be assigned to apply knowledge of skills utilized by those in the filmmaking industry. Students will study the impact of film and television on society from a social, economic, and political viewpoint. Film will be studied as an art form and as a means of communication. A variety of films will be previewed, and students will analyze and respond to these films, and make critical assessments.

7591 Film Video Production

Year course - Senior Elective
Prerequisites: Completion of 7590 and Teacher approval
This course is not UC/CSU-approved.

The second-year film course is designed to allow students to apply the knowledge they obtained in the Intro to Film Aesthetics and Production course. Second-year production students will work collaboratively with classmates to produce short conceptual video projects while continuing to study the craft of numerous professionals in the industry.

2528 CP Yearbook

Year Course - Sophomore/ Junior/Senior Elective

The objective of this course is to have a fun and informative elective that annually produces the Yearbook for the school. Students learn the basics of photography and are responsible

for taking candid, as well as photos of sports, classes, clubs, and campus life to represent every student at Servite. Students learn the basics of graphic design, creating layouts for pages and sections. Students also focus on journalism skills, interviewing students, coaches, teachers, and parents, as well as writing captions and articles to accompany their photos. The Yearbook class works as a team to create a well-designed product for the Servite community.

7586 AP Art History

Year Course – Sophomore/ Junior/Senior Elective
Prerequisites: 3.3 weighted GPA or Teacher approval

The AP Art History course is equivalent to a two-semester college survey course exploring the nature of art, art making, and responses to art. By investigating the specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop an in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art.

7568 CP Graphic Design

Year course – All Grade Levels Elective
Prerequisites: None

Graphic Arts introduces students to the study of internet and graphic modern art. Students will learn to use and understand artistic vocabulary. In addition, students will study art history from BC to current modern artists. Students will be introduced to brainstorming in an artistic fashion, drawing by hand, learning how to use technology such as Adobe Illustrator, InDesign, and Photoshop, along with presenting finished work in an exhibition style. Professional practices, collaboration, critical thinking, problem solving, and historical content will also be taught. Students must purchase a subscription to Adobe Creative Cloud. Details will be given by the instructor on how to subscribe.



MUSIC

DEPARTMENT



Fine Arts Graduation Requirement: For Servite graduation, students are required to complete one year (ten credits) of fine arts credit. One semester of credit is earned for yearlong participation in Band. Please note: UC and CSU require one year-long course in a single discipline from the Servite UC/CSU - Approved Course List..

7509 CP Classical Guitar 1

Year course – All Grade Levels Elective

This course is for newcomers to the classical guitar. Anyone, regardless of talent or previous musical experience, can learn to play and find success if the homework is done regularly and on time. While the focus is classical guitar the skills gained in this class create and improve abilities to play other styles of music on other kinds of guitars. An applied music theory component also grounds students in knowledge of the process of composing which is also applicable to any other style of music. A student should plan for 15-30 minutes of deliberate practice time, three to four nights per week. No previous music experience is necessary. This course is modeled on a copyrighted college-prep guitar course taught at Southern Illinois University at Carbondale.

7529 CP Classical Guitar 2

Year course – Sophomore/Junior/Senior Elective

Prerequisites: Must possess a specific set of classical guitar skills and receive instructor approval

7532 CP Classical Guitar 3

Year course – Junior/Senior Elective

Prerequisites: Must possess a specific set of classical guitar skills and receive instructor approval

7533 Classical Guitar 4

Year course – Junior/Senior Elective

Prerequisites: Must possess a specific set of classical guitar skills and receive instructor approval

This course is not UC/CSU-approved.

These courses provide independent study direction to nurture students toward more advanced repertoire and understanding of music. Guitar ensemble (small group) participation is a

central part of the class. Besides that, performing aspect students will develop technical and reading skills appropriate to their level. A minimum of 30 minutes of outside practice five days per week is required. Many performing opportunities outside of the class will be presented and students will be prepared to give excellent performances. Students who begin these classes (level II) should have at least the following skills: the ability to play a variety of right-hand arpeggio patterns through a chord progression, command of rest and free stroke, ability to read through the ninth position (and an understanding of what is beyond that), two and three-octave diatonic scales, and some solo repertoire. Instructor approval is required.

Participation in After-school performances is required.

7515 CP Men's Chorus

Year Course - All Grade Levels Elective

Men's Choir 1 is offered to students with limited vocal/choral experience. Students will learn how to match pitch, expand their vocal range, and learn the basic techniques of vocal production including proper breathing and vowel production. Students will learn some music theory as it relates to singing. Several concerts will be performed each year. Students are assessed a \$50.00 fee for materials and accompanists.

7520 Advanced Choir

Year Course – Sophomore/Junior/Senior Elective

Prerequisites: Audition required

This course is not UC/CSU-approved.

Must attend a meeting/audition and get teacher approval and must have achieved fundamental singing techniques.

The advanced choir provides an opportunity to sing difficult music from various genres and musical periods. The student who completes this course will become an independent singer who performs vocal music with proper technique. Training in theory and sight-singing will continue as in Choir I and ear-training will be added. Musicality is assessed through phrasing, dynamics, tone color, tempo, balance, and blend. This group will perform more often and may participate in festivals and contests.

Students are assessed a \$50.00 fee for sheet music. The music will remain in their possession at the end of the year (or they could donate it to the school to build the choir library).

7526 CP Beginning Piano

Year Course – All Grade Levels Elective

This class will provide students with instruction in learning to play the piano. Class will be held in a keyboard/music lab where players practice and hear their work through headphones. Focus will be placed on beginning piano technique by playing major scales, finger exercises, and beginning-level piano

music while learning the fundamentals of music reading, music structure, melodic playing, and chording. This class also explores the fundamentals of music theory through activities related to assigned music. Students are exposed to music history such as musical eras related to assigned pieces and the history of piano and keyboard development. A semester research/analysis project is required as well as a recital performance in which the student will perform for their peers.

7555 HP Music Theory

Year Course – Sophomore/ Junior/Senior Elective

Prerequisites: Students entering this course should possess basic music reading skills

This class is designed with the potential music major in mind, or a student who has an interest in how music is composed. Topics covered include major and minor keys, triads, basic voice leading, harmonic structure, and ear training, among others.

WORLD LANGUAGES

DEPARTMENT



SPANISH

6101 CP Spanish 1

Year Course – Required for graduation

6151 HP Spanish 1

Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Spanish 1 is an introductory course. Elementary grammar and vocabulary will be stressed. Emphasis will be placed on reading, writing, and speaking the language. Hispanic culture will be explored and discussed.

6301 CP Spanish 2

Year Course - Required for graduation

6351 HP Spanish 2

Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisites: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

Spanish 2 continues the basic principles and introduces more patterns that are grammatical. Emphasis will be on reading for comprehension and oral expression. Students continue their study of the Hispanic culture.

6401 CP Spanish 3

Year Course - Required for graduation

6451 HP Spanish 3

Year Course - HP emphasizes the practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisites: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

Spanish 3 continues the basic principles and introduces more grammatical patterns with an emphasis on the written and spoken language. Hispanic history and culture comprise the basis of compositions and discussions.

6461 HP Spanish 4

Year Course - HP emphasizes the practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisites: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

HP Spanish 4 has more of an emphasis on the spoken language as well as composition continuing to learn Hispanic culture and re-emphasizing previously learned Spanish grammar and structure.

6481 AP Spanish Language and Culture

Year Course

Prerequisite: Approval by the instructor based on grades and aptitude in writing, reading, and speaking Spanish

AP Spanish Language and Culture is equivalent to an intermediate-level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

FRENCH

6202 CP French 1

Year Course - Required for graduation

6252 HP French 1

Year Course - HP emphasizes the practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisite: Honors Placement or successfully passing a challenge test.

An introductory course in reading, writing, and speaking modern French. This course emphasizes the study of French and global francophone cultures through elementary grammar and vocabulary. This course is taught in French and English. Every effort will be made to create an immersive environment for students to acquire French more quickly and effectively.

6302 CP French 2

Year Course - Required for graduation

6352 HP French 2

Year Course - HP emphasizes the practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisites: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

French 2 extends the principles of French 1 and introduces students to more complex grammatical patterns, including compound tenses and moods. We focus on developing speaking, reading, and writing simultaneously and aim to develop a robust working vocabulary. This class is conducted almost entirely in French and students are expected to use French in class. Every effort is made to create an authentically immersive classroom environment.

6402 CP French 3

Year Course - Required for graduation

6452 HP French 3

Year Course - HP emphasizes the practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisites: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

With knowledge of essential grammar, and descriptive and culturally relevant vocabulary, students in French 3 deepen their understanding of their place in the francophone world through a richer study of global francophone history, art, and culture. Students at this level continue developing key grammar and vocabulary for conversational proficiency. **This class is conducted almost exclusively in French and students are encouraged and expected to speak French as much as possible. Every effort is made to create an authentically immersive environment.**

6462 HP French 4

Year Course - HP emphasizes the practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

Prerequisites: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

Continuation of French 3, with an emphasis on French Literature, oral discussion, and writing

6484 AP French

Year Course

Prerequisite for AP French: Teacher approval, based on grades and aptitude in French

This is an intensive course in French with an emphasis on the study of French Literature. Additional work in composition, grammar, and preparation for the AP examination is required.

AMERICAN SIGN LANGUAGE

6307 CP American Sign Language I

Year Course – Required for graduation

An introductory course in elementary grammar principles and basic vocabulary. Emphasis is placed on receptive and expressive skills. This course also presents an introduction to Deaf culture and history.

6308 CP American Sign Language II and Deaf Culture

Year Course – Required for graduation

CP American Sign Language II and Deaf Culture is equivalent to an intermediate-level college course in American Sign Language. Students cultivate their understanding of ASL and Deaf culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations

as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

6309 CP American Sign Language III

Year Course – Elective

American Sign Language III is a course for students who wish to further in-depth expand their knowledge of a language other than English. This course expands the fundamentals of American Sign Language (ASL) used by the Deaf Community, including vocabulary, syntax, fingerspelling, and grammatical non-manual signals. ASL III focuses on communicative competence in both expressive and receptive signals.

This course is pending UC/CSU approval.

MANDARIN

6254 HP Mandarin 1

Year Course – All Grade Levels Elective

Prerequisite: This introductory course is considered a very rigorous course and is open to students who were placed in honors.

Mandarin 1 is an introductory course for non-Chinese speaking who until now have had little in-depth exposure to the intricacies of Mandarin Chinese language and Chinese culture. The main objective of Mandarin 1 is to develop a strong foundation in the Mandarin Chinese language in four aspects: speaking, listening, reading, and writing. Focus will be given to the students speaking and listening skills, pronunciation, and proper grammar usage in high-frequency common communicative settings, such as introductory greetings, family descriptions, time, hobbies, and home etiquette. Students will also be able to accurately write and depict Chinese characters (Hanzi), effectively develop

their phonetic understanding of Hanyu pinyin, and begin to associate the tonal qualities of Mandarin Chinese into their pronunciation.

6354 HP Mandarin 2

Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

Prerequisite: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

This course will continue to introduce students to the proper and effective study of the Mandarin language. The course will reinforce and expand upon the phonetics, morphology, grammar, and syntax introduced during year one. This course emphasizes the five major areas of language learning: speaking, listening, reading, writing, and typing. By the

end of the course, students will have mastered a variety of conversational topics in Mandarin, e.g., transportation, food and drink, weather and travel, shopping, health and sickness, and summer activities. The course will put most emphasis on students' speaking and listening with most of the time spent on conversational drills. There will also be a strong focus on recognizing individual ideograms, identifying their meaning while being able to read and pronounce them correctly.

6454 HP Mandarin 3

Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

Prerequisite: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

Mandarin 3 is a one-year course that is designed for the students who have already completed level 2 Mandarin Chinese at Servite High School, or who can demonstrate that they have acquired knowledge of the language to the required level. This course will develop students' ability to clarify and ask for and comprehend clarification; express and understand opinions; narrate and understand narration in the present, past, and future; and understand the Chinese culture. Throughout the course, students develop their listening, speaking, reading, and writing skills across the three communicative modes: interpretive, interpersonal, and presentational, and the five goal areas: communication, cultures, connections, comparisons, and communities.

6464 HP Mandarin 4

Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

Prerequisite: Must earn a B or better in their previous HP world language or an A- or better in their previous CP world language. Proficiency in the previous level along

HP Mandarin 4 is a one-year course that is designed for the students who have already completed level 3 Mandarin Chinese at Servite High School, or who can demonstrate that they have acquired knowledge of the language to the required level. This course will develop students' ability to clarify and ask for and comprehend clarification; express and understand opinions; narrate and understand narration in the present, past, and future; and understand the Chinese culture. Throughout the course, students develop their

listening, speaking, reading, and writing skills across the three communicative modes: interpretive, interpersonal, and presentational, and the five goal areas: communication, cultures, connections, comparisons, and communities.

6486 AP Chinese Language

Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

Prerequisite: Grades and teacher recommendation

This AP Chinese Language and Culture course is designed to refine students' proficiency skills in listening, speaking, reading, and writing while expanding the range of vocabulary and grammar points within six important and challenging units: China's Holidays, A Trip to Yunnan, Gender Equality, Environmental Protection and Energy Conservation, China's History, and The World is Getting Smaller. The study of these units will provide students with opportunities to practice interpretive, interpersonal, and presentational skills within practical, interesting, and authentic contexts. Both the teacher and students use Chinese exclusively in class.

MATHEMATICS

DEPARTMENT



Minimum Requirements for Advancement

1. Students who take HP Algebra 1 with a grade of B- or above (or CP Algebra 1 with a grade of A- or above & Teacher approval) may take Geometry in the summer.
2. MDTP Diagnostic tests are given at the end of the 3rd quarter to help determine student placement for the following school year.
3. For a student to be considered eligible for the following mathematics course, he must earn a grade of C- or higher in the second semester. (For example, a student must earn a C- in Algebra 1 second semester to go on to Geometry. If a student does not earn the minimum grade required to move on, he will have to remediate that course in summer school.

3100 CP Pre-Algebra

Year Course - Required for graduation

The Pre-Algebra course is to serve as a bridge between junior high mathematics and high school Algebra. This course will build a foundation of algebraic concepts using number sense, problem-solving, and algebraic processes. Core topics to strengthen through this course will include algebraic expressions, linear equations, polynomials, factoring, inequalities, geometry, statistics, and graphing.

3101 CP Algebra 1

Year Course - Required for graduation

3151 HP Algebra 1

Year Course

This course relies heavily on the four basic mathematics operations developed previously in Pre-Algebra. Extend those operations to positive and negative numbers. Emphasis is placed on the solving of equations, factoring polynomials, and simplifying radicals. Also, strong emphasis is placed on problem solving using equations and word problems.

3201 CP Geometry

Year Course - Required for graduation

3251 HP Geometry

Year Course

Prerequisite: B or better in HP Algebra 1, A- or better in CP Algebra 1, or Teacher Approval

Beginning with the study of basic figures of geometry, this course emphasizes the development of students' understanding of the nature of two column proofs and deductive reasoning. Trigonometry emphasizes an understanding of the principles and definitions of trigonometry. Calculators will be used throughout the course.

3230 CP Algebra 2

Year Course - Required for graduation - Juniors

Algebra 2 is a second-year course, which covers quadratic equations and their graphs, radicals, rational expressions, exponents, logarithms. Emphasis is placed on problem solving.

3301 CP Algebra 2 / Trigonometry

Year Course – Junior requirement for graduation

3133 HP Algebra 2 / Trigonometry

Year Course – Freshmen - Junior

Prerequisite: B- or better in both HP Algebra 1 and HP Geometry, A- or better in both CP Algebra 1 and CP Geometry and equivalent MDTP scores or Teacher Approval

Algebra 2 is a second-year course, which covers quadratic equations and their graphs, radicals, rational expressions, exponents, logarithms and an introduction to trigonometry. Emphasis is placed on problem solving.

3407 CP College Algebra and Trigonometry

Year Course – Junior/Senior Elective

A course that incorporates all topics of Algebra 2 with an emphasis on real, rational, and exponential functions and emphasizes an understanding of the principles and definitions of trigonometry. Calculators will be used throughout the course.

3318 CP Pre-Calculus

Year Course - Sophomore/Junior/Senior

3358 HP Pre-Calculus

Year Course – Sophomore/Junior/Senior

Prerequisite: B- or better in HP Algebra 2/Trig, A- or better in CP Algebra 2/Trig or Teacher Approval.

Pre-Calculus prepares the student for college-level calculus. Students learn polynomial, rational, exponential, and logarithmic, trigonometric functions, and their graphs.

3487 AP Statistics

Year Course – Junior/Senior Elective

Prerequisite: A/B in an Algebra 2 course as well as A/B in English

This course discusses the science of statistical estimation with a focus on understanding fundamental statistical measures. Methods of exploring, quantifying, and classifying data, planning a study, current applications, anticipating patterns and interpretation of the validity of statistical inference are covered. Advanced Placement students will be prepared for the AP Exam in May.

3409 CP Calculus

Year Course – Junior/Senior Elective

This course explores differential and integral calculus with emphasis placed on method and application.

3489 AP Calculus AB

Year Course – Junior/Senior Elective

Prerequisite: B- or better in HP Pre-Calculus, A- or better in CP Pre-Calculus. A- or better in CP Calculus or Teacher Approval

This course includes an in-depth study of calculus topics in preparation for the Advanced Placement Calculus AB examination.

3499 AP Calculus BC

Year Course - Senior Elective

Prerequisite: B- or better in AP Calculus AB, A- or better in CP Calculus or Teacher Approval

This is a second-year course in calculus for those students who have one year of calculus. Emphasis is on material covered in the Advanced Placement Calculus BC examination.

COMPUTER SCIENCES



9557 HP Intro to Computer Science

Year Course – Freshmen/Senior Elective

HP Intro to Computer Science introduces students to the world of computer science. Initially students are taught fundamental concepts that will allow them to understand how to build programs. Students are introduced to coding via a block-based coding language. After learning core coding concepts on blocks students will then transition to the text-based coding language Python. Throughout the course, students will work in groups to build the communication and collaborative skills needed in the software industry. After completing the course students should be able to understand fundamental computer science concepts, read pseudo code, and develop programs with block code as well as Python.

9586 AP Computer Science Principles

Year Course – Sophomore/Junior/Senior Elective

Prerequisite: 3.0 weighted academic GPA and completion of Algebra 1

AP Computer Science Principles 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 also allows students to use current technologies to create computational artifacts for both self-expression and problem-solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science

9587 AP Computer Science A

Year Course - Junior/Senior elective

Prerequisite: 3.2 weighted academic GPA. Completion of Geometry

Students collaborate to create original solutions to problems in the Java programming language. Such programs include designing and implementing interfaces, classes, and

recursion, as well as commonly used sorting algorithms like insertion sort, quick sort, merge sort, and selection sort. The year ends with students creating a game using the knowledge gained throughout the class. This course is aligned with the AP CSA framework.

9584 HP Cyber Security

Semester Course – Senior Elective/Fall.

* Semester classes must be taken together

Prerequisite: Computer Science Pathway or teacher approval

Cyber Security ends the computer science pathway at Servite. It aims to provide a general overview and introduction to the field of cyber security. Students will use their previous three years of computer science knowledge to learn about fundamental industry concepts including physical security, operating systems security, malware, network security, web security, and cryptography. After completing this course, a student will have a solid foundation of cyber security concepts to build on in university as well as the tools necessary to protect themselves and their families online.

9591 CP Introduction Game Design & Development

Semester Course – Senior Elective/Spring

* Semester classes must be taken together

Prerequisite: Computer Science Pathway or teacher approval

Introduction to Game Development takes students into the world of game design. In the class, students are introduced to fundamental concepts in the gaming industry; things like game theory, storytelling, balance, game mechanics, nash equilibrium, and many others. Students are also introduced to a game engine and work through a series of game projects over the semester. At the end of the course, students will create a game of their choosing and present it to the class.

SCIENCE

DEPARTMENT



4201 CP Biology

Year Course - Required for graduation

This introductory laboratory science course covers the basic concepts of biology. Topics included in class study are cell structure, chemistry of the cell, genetics, and classification and in-depth comparisons of living organisms.

4151 HP Biology

Year Course – Freshmen

Prerequisites: Selection for Honors track

In this laboratory science course, you develop the skills to help you more fully understand the nature of living things. You will study cell structure and function, homeostasis, cell transport, biochemistry, macromolecules, genetics, cell reproduction, plant structure, DNA, RNA, protein synthesis, classification of living things (including dissections), photosynthesis and cellular respiration. Throughout the course, you will practice scientific inquiry into the living world.

4384 AP Biology

Year Course

Prerequisites: B- or better in HP Biology and HP Chemistry or Teacher Approval

A second-year biology course for honors-level science students. Students should have previously taken honors biology and honors chemistry. This course provides students with the framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include molecules and cells, heredity and evolution including molecular genetics, the diversity of organisms, the structure and function of plants, and animals, and ecology. The class will facilitate the student's preparation for the AP exam.

4301 CP Anatomy & Physiology

Year Course – Sophomore/Junior/Senior Elective

Prerequisite: One year of laboratory science. This is an in-depth laboratory science course specializing in the structure and functions of human life systems. Topics studied include cells and tissues, skin and membranes, the skeletal system, the muscular system, the nervous system, the endocrine system, the cardiovascular system, the lymphatic system, the respiratory system, the digestive system, the urinary system, and the reproductive system.

4303 CP Physical Science

Year Course – Sophomore/Junior/Senior Elective

A student with a grade of C or better in chemistry or physics is not permitted to enroll in this course.
This course is not a UC-approved lab science.

Physical Science is an in-depth laboratory course designed to help the student survey the realm of physics and chemistry. The fundamental components of the physical world are studied. This course is structured to combine lectures, discussions, demonstrations, and student laboratory exercises.

4315 CP Marine Sciences

Year Course – Sophomore/Junior/Senior Elective

Prerequisite: Completion of Biology with a grade of C or better.

This laboratory lab science course studies the relationships between the physical marine environment and the organisms that live there. Topics studied in this course are the chemical and physical features of the ocean, invertebrates, fish, mammals, ecology, and ecosystems native to the marine environment.

4302 CP Chemistry

Year Course - Junior/Senior Elective

Prerequisites: Completion of Algebra 1 with a C- or better

This year-long laboratory course studies the topics: of atomic theory, atomic and molecular structure, thermodynamics, stoichiometry, states of matter, nomenclature of inorganic compounds, chemical reactions, chemical bonding, solutions, equilibrium, and acids and bases. This course provides a fundamental foundation of the knowledge required for further study in the sciences. Algebra skills are used often in this class

4352 HP Chemistry

Year Course - Sophomore/Junior/Senior Elective for approved students.

Prerequisites: B- or better in HP Biology and Algebra 1.

Credit in or concurrent enrollment in Algebra 2/Trig or HP Geometry.

This course is a fast-paced, rigorous introduction to the study of matter and how it behaves. Topics include atomic theory, inorganic nomenclature, chemical reactions and stoichiometry, quantum mechanics, chemical bonding, gases, solutions, thermodynamics, kinetics, chemical equilibrium, and nuclear chemistry. The course includes lecture-based instruction, demonstrations, and laboratory experiments. Students will use critical thinking and complex strategies in problem-solving as they learn about the matter around them and how it behaves. Strong skills in algebra are necessary to be successful in this course.

4485 AP Chemistry

Year Course - Junior/ Senior Elective

Prerequisites: B or better in HP Chemistry and Algebra 2/ Trig

Advanced Placement Chemistry is a second-year course in chemistry for honors-level science students. Students

should have previously taken honors biology and honors chemistry. Advanced Placement (AP) Chemistry is an intensive laboratory course requiring mastery of the material of a college-level chemistry course. The class will facilitate the student's preparation for the AP exam in May.

4487 AP Environmental Science

Year Course - Junior/ Senior Elective

Prerequisites: B- or better in both HP Biology and HP Chemistry, A or better in CP Biology and CP Chemistry, or Teacher Approval.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The class will facilitate the student's preparation for the AP exam.

4405 CP Physics

Year Course - Senior Elective

Prerequisites: A minimum of B- in Algebra 2 and a C or above in any level of Chemistry or Teacher approval.

CP physics is an introductory, year-long laboratory science course in which students examine the most fundamental concepts of matter, motion, energy, and force. The course explores kinematics (motion) & dynamics (forces), the laws of conservation of energy and linear momentum, mechanical waves, and electricity & magnetism (E&M). Students engage with content through guided inquiry & lessons, cooperative learning, laboratory activities, demonstrations, and computer simulations. Course content is aligned to the first year of algebra, and students who succeed have strong skills in mathematics. Laboratory work and mathematical reasoning are the tools used to aid students' understanding and new appreciation of the physical world.

4455 HP Physics

Year Course – Junior/Senior Elective

Prerequisites: MUST be concurrently enrolled in a Precalculus course when taking HP Physics OR have completed a year of Precalculus prior; minimum 3.0 weighted academic GPA

HP (Honors) Physics is an introductory, year-long laboratory course which explores mechanics, projectile motion, energy, wave motion, sound, electricity & magnetism (E&M), circuits, and modern physics. Students will learn through lessons, demonstrations, laboratory activities, computer simulations, & other multimedia. Course content is aligned to Pre-Calculus concurrent enrollment, and students who succeed in this course have strong skills in mathematics.

4486 AP Physics C: Mechanics

Year Course - Senior Elective

Prerequisites: B or better in CP Physics or C or higher in HP Physics; MUST be concurrently enrolled in a Calculus course when taking AP Physics OR have completed a year of calculus prior. Students may bypass HP/CP Physics to take AP Physics with the Approval of the AP Physics Instructor.

AP Physics C: Mechanics is an introductory, college-level course in the scientific study of motion. Students will explore a multitude of mechanical concepts including inertia, conservation of energy, conservation of linear and angular momentum, simple harmonic motion, and Newton's laws of gravitation. Laboratory activities include the exploration of Newton's laws through rockets, determination of the acceleration due to gravity, exploration of linear and angular momentum, collisions in one dimension, and simple harmonic motion demonstrations. Course content is aligned to concurrent enrollment in Calculus and students who succeed in this course have strong skills in mathematics.



PHYSICAL EDUCATION AND HEALTH



8101 Physical Education / Health

Year Course - Freshman course required for graduation

This course is not UC/CSU approved.

Physical Education is a basic introductory course with emphasis on meter learning and fitness development. Also instructs students in team and individual sports with in-class competition. Health Education provides students with the knowledge and skills they need to maintain health and wellness throughout their lifetime.

8501 CP Sports Medicine 1

Year Course – Sophomore/Junior/Senior Elective

Prerequisite: Health, C or better in Biology/Honors Biology (or concurrent enrollment in Biology), instructor’s approval, Anatomy/Physiology preferred but not required.

Sports Medicine covers the anatomy and physiology of the human body. It also covers first aid, CPR, nutrition, and strength and conditioning. All topics will be covered with the relation to sports and injuries that occur in athletic

competition. Prevention, Recognition, Assessment, Evaluation and Treatment of athletic injuries are a strong area of focus. Laboratory assignments are given to aid in the teaching of these topics. Students are also required to work hours (6 hours per semester) in the athletic training room of our high school to get a hands-on approach to sports medicine. At the end of this course, the student will be first aid and CPR certified. (Lab fee for F.A./CPR).

8502 Sports Medicine 2

Year Course – Sophomore/Junior/Senior Elective

Prerequisites: Sports Medicine & Teacher approval

Please note: This course is designated as a 9th period class to be taken after school.

This course is not UC approved.

This course will cover the concepts learned in Sports Medicine more extensively. A lab will be required. Students will be required to work at athletic events.

SOCIAL STUDIES

DEPARTMENT



5509 CP World History

Year Course – Sophomore course required for graduation

5559 HP World History

Year Course

Prerequisite: 3.3 weighted academic GPA & A or B in HP English 1 or A in CP English 1

World History is an in-depth study of our global community's past, emphasizing the people and events that changed past societies, and how these changes affect our modern society. The course will cover topics in the following areas: The Enlightenment, the Age of Political Revolution, the Industrial Revolution, and the New Imperialism. The course closes with World War I, the rise of totalitarianism, World War II and its aftermath, the world since 1945 including the Cold War, and Current World Issues. The students will explore how events of the past have influenced and shaped society today. Students will learn history from different perspectives and engage in discussions about historical events.

5589 AP World History

Year Course - Sophomore/Senior Elective

Prerequisite: 3.8 weighted academic GPA & A or B in HP English 1 or A in CP English 1

This is a comprehensive course that traces the growth and development of the Modern World from 1200 to the present. Emphasis is placed on key personalities, social structures, economic patterns, and political institutions. As a result of this class, students will be able to identify and think critically about major events in World History, analyze a primary source, and write a detailed historical response using historical thinking skills (cause and effect, compare, continuity, and change over time), answer a variety of College Board prepared questions.

5288 AP European History

Year Course - Sophomore/Senior Elective

Prerequisite: 3.8 weighted academic GPA & A or B in HP English 1 or A in CP English 1

This is a comprehensive course that traces the growth and development of the European World from 1450 to the present. Students will explore the interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation. As a result of this class, students will be able to identify and think critically about major events in European History, analyze a primary source, and write a detailed historical response using historical thinking skills (cause and effect, compare, continuity, and change over time), answer a variety of College Board prepared questions.

5301 CP U. S. History

Year Course – Junior course required for graduation

5351 HP U.S. History

Year Course

HP Prerequisites: 3.5 weighted academic GPA, A or B in HP/AP World History or AP European History, A- or better in CP World History

This is a comprehensive course that traces the growth and development of the United States from the colonial period to the present. Emphasis is placed on key personalities, social structures, economic patterns, and political institutions. As this class is honors level, it is conducted at a more accelerated pace and with greater intellectual intensity and additional writing assignments. As a result of this course, students will be able to identify major events in US History, analyze a primary source, and write a detailed historical response using historical thinking skills (cause and effect, compare, continuity, and change over time).

5381 AP US History

Year Course – Junior course required for graduation
Prerequisite: 3.8 weighted academic GPA, A or B in HP/AP World History or AP European History, A- or better in CP World History

This is a comprehensive course that traces the growth and development of the United States from the colonial period to the present. Emphasis is placed on key personalities, social structures, economic patterns, and political institutions. As a result of this class, students will be able to identify and think critically about major events in US History, analyze a primary source, write a detailed historical response using historical thinking skills (cause and effect, compare and contrast, continuity and change over time), answer a variety of College Board prepared questions, such as an LEQ (Long Essay Question), DBQ (Document-Based Essay Question), SAQ (Short Answer Question - both content and document-based), and MCQ (Multiple Choice Question - both content and document-based)

5405 CP U.S. Government

Semester Course – Senior course required for graduation

US Government places the Constitution of the United States as its central theme; emphasis is placed on the overall organization of the government today and how we as citizens can apply our knowledge of the Constitution to become more effective members of society. The course also covers federalism, the presidency, Congress, the courts, the bureaucracy, interest groups, the media, political parties, political beliefs and behavior, and civil rights and civil liberties.

5406 CP Economics

Semester Course – Senior course required for graduation

This course is designed to increase the student's understanding of different classifications of economic

organization, including the market system and its functions of production, distribution, and consumption; the general business cycle; and the roles of government, labor business, banking, and credit in the economy.

5485 AP U.S. Government & Politics

Semester Course (replaces CP US Government)
Prerequisites: 3.5 weighted academic GPA (HP or AP US History strongly encouraged)

The AP U.S. Government and Politics Course defines what representative colleges & universities typically expect students to know and be able to do to earn college credit or placement. Students practice the skills used by political scientists by studying data, political writings, from the founding era to the present, the structure of government as established by the Constitution, and constitutional interpretations handed down by the Supreme Court. Students will show mastery of these skills on the exam through a variety of means, including concept application, data analysis, Supreme Court case comparisons, and writing political science arguments.

5488 AP Macroeconomics

Semester Course - Senior Course (replaces CP Econ)
Prerequisites: 3.8 weighted academic GPA/concurrent Pre-Calculus

AP Macroeconomics is a semester-long course emphasizing economics principles as applied to the economy. AP Macroeconomics is a course to qualify secondary school students who wish to complete coursework equivalent to a one-semester college introductory class. Each student is expected to take the AP Macroeconomics Exam that will be administered in May. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will learn how the measures of economic performance, such as gross domestic product

(GDP), inflation, and unemployment are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. The course recognizes the global nature of economics and provides ample opportunities for students to examine the impact of international trade and finance on national economies. Various economic schools of thought are introduced as students consider solutions to economic problems. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts

5583 AP Psychology

Year Course – Sophomore/Junior/Senior Elective
Prerequisites: 3.3 weighted academic GPA/A of B in CP/HP English / Teacher Approval

Explore the ideas, theories, and methods of the scientific study of behavior and mental processes. You'll examine the concepts of psychology through reading and discussion, and you'll analyze data from psychological research studies. The class will connect psychological concepts and theories to real-life scenarios.

9501 CP Business

Year Course – Sophomore/Junior/Senior Elective
This course is an A-G-approved College Preparatory elective.

Introduction to Business is a course designated for the student to acquire a comprehensive foundational knowledge of how businesses in the United States operate and thrive in the 21st century. The student will learn and acquire workplace and personal finance skills that could positively impact their future, allowing them to navigate and succeed in a business environment. Students will gain historical perspectives on the United States economy, take part in a stock market simulation, and learn about management, marketing, and other factors that contribute to modern business administration. Students will select a publicly traded company at the beginning of the semester and subsequently produce various academic artifacts through the lens of the chosen organization as a lengthy project to understand how it operates.

THEOLOGY

DEPARTMENT



1102 CP Theology 1 – Encountering Christ, the Word

Year Course - Required for graduation

The Revelation of Jesus in Scripture – 1st Semester

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In the course, they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Old Testament Covenants and prophecies as they prepare the way for the coming of the Messiah Jesus Christ.

Who is Jesus Christ? And The mission of Jesus Christ (Paschal Mystery) – 2nd Semester

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course, students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be. Along with the identity of who Christ is, the students will also come to understand all that God has done for us through his Son, Jesus Christ. Students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us, and that they share in this redemption. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

1202 CP Theology 2 – The Mission of Christ

Year Course - Required for graduation

Jesus Christ's Mission Continues in the Church – 1st Semester.

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus

Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn about the events in the life of the Church as well as the sacred nature of the Church.

Sacraments as Privileged Encounters with Jesus Christ – 2nd Semester

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn about the events in the life of the Church as well as the sacred nature of the Church.

1302 CP Theology 3 – Life in Christ

Year Course - Required for graduation

This course asks: what does it mean to live a Christian life? Building on what students have learned through their encounter with Christ in Scripture and in the teachings of the Church, these semesters explore grace in our everyday lives and the moral life we choose to live as a response to God's love. The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Living as a Disciple of Jesus Christ in Society- 2nd Semester

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

1401 CP Critical Reflections

Year Course - Required for graduation

Critical Reflections on the Theory of Knowledge in Philosophy and Theology takes the motto of Servite High School: "I believe so that I may understand" as the necessary background for examining critical thinking habits that inform faith. The course introduces the student to metaphysics, logic, and epistemology as they relate to the theory of knowledge, and the way truth claims are made. Socio-political & moral philosophy theories are studied to examine the implications of morality for social living. Students are invited to critically examine these theories considering the Gospel and the teachings of the Catholic Faith.

World Religions – Required for Graduation- 2nd Semester

Critical Reflections on the World's Religions is a survey of the doctrines, scriptures, rituals, history, and daily religious life

of the religions of the East. This complements the extensive study students have already completed in Christianity and Judaism. This course focuses on the religions of Hinduism, Buddhism, Islam, and the religious traditions of China and Japan. The course is designed to provide the factual knowledge base necessary for critical thinking about the world's religions.

7595 Formation Priory

9th-12th grade class. Required for graduation

The Priory Leadership Program is a comprehensive, hands-on leadership experience. The intent is to give students the opportunity to learn and practice leadership through peer accountability and increased responsibility in all components of the student experience.



CHRISTIAN SERVICE PROGRAM



CHRISTIAN SERVICE PROGRAM

Participation is required for graduation.

Christian service hours must come from several different sources. We welcome hours that can be performed on campus, but we also stress the importance of hours that are served off-campus as well. It is important to perform service in your parish or faith-based community as well as your local civic community.

Please contact the Campus Ministry team with any questions regarding service hours and opportunities. All Servite students are required to complete:

CHRISTIAN SERVICE HOURS	
Freshman Year	30 hours
Sophomore Year	30 hours
Junior Year	20 hours
Senior Year	20 hours
TOTAL	100 total hours required for graduation

Servite High School admits students of any race, color, religious or ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. The school does not discriminate based on race, handicap, color, or national/ethnic origin in the administration of its educational or admission policies, scholarship and loan programs, and athletic and other school-administered programs.

Last Revised: February 2024