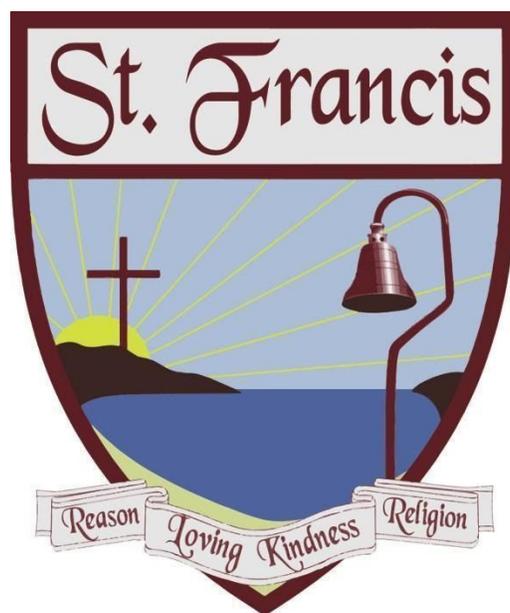


ST. FRANCIS HIGH SCHOOL

Salesian College Preparatory



2021-2022 Course Catalogue

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Course Scheduling Process

At St. Francis High School, the scheduling process reflects our commitment to the Salesian educational philosophy of Home, School, Church, and Playground as well as the goal of empowering our students to thrive in all aspects of their lives. In partnership with the family, the St. Francis Faculty and Counselors advise students in an effort to guide them on the educational pathway most appropriate for their development and growth. We encourage students to choose classes that best align with their strengths and interests, complement their extracurricular pursuits, and allow them to reach their personal potential.

This course catalogue, along with the Academics Handbook, and scheduling forms, are designed to be helpful in organizing future goals and choices. Students also need to keep in mind St. Francis's graduation requirements and college and university requirements when making long range plans.

Course Catalogue

This course catalogue provides the courses offered by St. Francis High School. For each course, the required prerequisites and relevant course information is provided.

Students and families **MUST** use this document in conjunction with the St. Francis High School Academics Handbook. The Academics Handbook articulates graduation requirements and general academic expectations that must be a part of the decision making process for course scheduling.

Please Keep in Mind

- Academic requirements for courses are listed, but final placement is determined by the Associate Principal in conjunction with the Academic Department and the Counselors.
- Students wishing to take honors and advanced placement courses are to follow the steps as outlined by each Academic Department.
 - Returning students
 - Information regarding placement tests will be provided with placement information during class
 - Placement tests will be facilitated by the Academic Department Chairs of each department
 - Incoming students will take placement tests as coordinated by the Admissions Department
- Due to enrollment needs, it may not be possible for St. Francis High School to honor all the choices of a student.
- The school reserves the right to modify the prerequisites of a course should there be some extenuating circumstances. This decision rests with the administration.

Graduation Requirements

The comprehensive four-year program of study offered at St. Francis is designed for a SF graduate to have fulfilled all the course requirements necessary for application to the University of California, as well as those of virtually every major university and college across the nation.

Each student is encouraged to take as challenging of a course load as he/she can handle so as to increase his/her likelihood of successful competition for college entrance.

In order to earn a diploma from St. Francis, a student must:

- Earn a minimum of course units
 - Beginning with the Class of 2023, 260 credits must be earned for graduation
 - Class of 2022 must earn 250 credits
- Have a good record of citizenship and behavior
- Have participated in campus ministry activities each year of attendance
 - Students must attend the St. Francis grade level retreat each year.
 - Students unable to attend the scheduled grade level retreat will be required to fulfill the requirement with an outside retreat or comparable requirement
- Have completed a minimum of 80 Christian Service hours
- Have earned the minimum number of required credits in each academic department

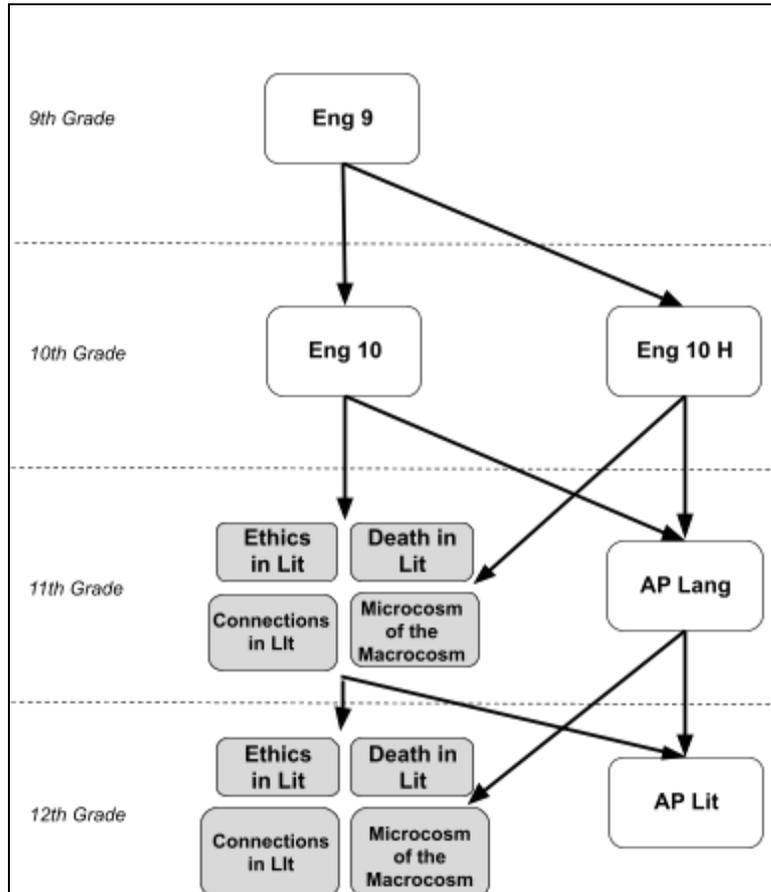
Required credits for each Academic Department*

8 semesters of English	40 credits
8 semesters of Theology	40 credits
6 semesters of Social Studies	30 credits
6 semesters of Mathematics*	30 credits
	(must include Geometry and Algebra II)
4 semesters of one Modern Language	20 credits
2 semesters of Life Science	10 credits (must include Biology)
2 semesters of Physical Science	10 credits
2 semesters of Physical Education/Health	10 credits
2 semesters of Visual and Performing Arts	10 credits (must be same course)

*Remaining credits can be earned from any combination of departments

Academic Departments

English Department



English 9: World Literature and Composition

10 credits, 2 semesters

9th grade

UC/CSU approved

This course is designed to introduce students to literature from various cultures, and to enhance and improve their writing abilities through various types of written assignments. Through these written assignments, projects, and various activities, students also develop research, listening, and speaking skills. The literature portion of the course reviews primary elements of literature and poetry, and examines the function of these elements within various literary works, while also incorporating relevant art, music, and philosophical ideas. In terms of writing, students will improve and develop their skills in writing narratives, multi-draft compositions, expository compositions, journals, letters, and autobiographical compositions. This course provides a foundation for the English curriculum that students will encounter in their remaining years at St. Francis High School.

Prerequisites: None

English 10: World Literature and Composition 2

10 credits, 2 semesters

10th grade

UC/CSU approved

This course continues to focus on multiculturalism through World literature begun in the freshman year. The course also seeks to address the multiplicity of social issues addressed in the literature. Encompassed within the teaching of the various core novels/short stories and poetry is a concentration on writing and the writing process. Within the teaching of the writing process is the development of vocabulary including literary terms, grammar usage and words from the literature itself. A quality, contemporary and educated vocabulary continues to be developed. Language skills continue to be reinforced in terms of grammar, mechanics and syntax. Also present is a continued focus on the development of oral communication with an emphasis on the use of visual aids and various electronic media. Self-assessment continues to be an important focus of the course, especially in terms of the continued development of the portfolio.

Prerequisites: Passing grade in English 9

English 10 Honors: World Literature and Composition 2

10 credits, 2 semesters

10th grade

UC/CSU approved

This course continues to focus on multiculturalism through World literature begun in the freshman year. The course also seeks to address the multiplicity of social issues addressed in the literature. Encompassed within the teaching of the various core novels/short stories and poetry is a concentration on writing and the writing process. Within the teaching of the writing process is the development of vocabulary including literary terms, grammar usage and words from the literature itself. A quality, contemporary and educated vocabulary continues to be developed. Language skills continue to be reinforced in terms of grammar, mechanics and syntax. Also present is a continued focus on the development of oral communication with an emphasis on the use of visual aids and various electronic media. Self-assessment continues to be an important focus of the course, especially in terms of the continued development of the portfolio.

Prerequisites: Minimum of B+ in English 9, Honors application with possible interview, and department approval

Connections in Literature

5 credits for each semester - total of 10 credits

11th – 12th grade

UC/CSU approval submitted

This course is designed to create critical thinkers, analytical readers, and effective speakers. This class focuses on building skills in various styles of writing, including in class and out of class essays, that produce college-level compositions. A strong focus will be placed on evidence-based written, and oral, responses.

Connection in literature explores various written and visual texts that encourage critical analysis and discussion. They will explore the texts to observe the characters various relationships and analyze facets of the relationships that make it unique. Students will then be encouraged to think about their own relationships (self, familial, friendship, romantic) that parallel the ones read about to grow as a critical thinker that observes literature with the intent of applying ideas to their own life. They will read, research, listen and discuss to formulate answers and opinions that the character's relationships pose.

Prerequisites: Passing grade in the previous English course

This course will be offered in 2021-2022

Death in Literature

5 credits for semester
UC/CSU approved

11th – 12th grade

This course is designed to create critical thinkers, analytical readers, and effective speakers. This class focuses on building skills in various styles of writing, including college-level in class and out of class descriptive, narrative, expository and analytical compositions. A strong focus will be placed on evidence-based written and oral responses.

Death in Literature explores various written and visual texts that encourage critical analysis and discussion centered on how one negotiates a world and culture where death exists. Students will be encouraged to reflect on the causes, meaning, and nature of existence based around various issues that arise within the texts. Rather than denying and fearing death, literature sheds light that the practical thing to have in the face of our inevitable end is a theory of life which acknowledges the finite nature of the human experience. They will read, research, listen and discuss to formulate answers and opinions that the texts pose to both culture and society.

Prerequisites: Passing grade in the previous English course

This course will be offered in 2022-2023

Ethics in Literature

5 credits for semester
UC/CSU approved

11th – 12th grade

This course is designed to create critical thinkers, analytical readers, and effective speakers. This class focuses on building skills in various styles of writing, including in class and out of class essays, that produce college-level compositions. A strong focus will be placed on evidence-based written, and oral, responses.

Ethics in literature explores various written and visual texts that encourage critical analysis and discussion. They will explore the texts to view the way characters actions, or inactions, as well as circumstances and events, shed light on numerous moral principles. Students will then be encouraged to think about the values they hold and ideals they have based around the issues revealed in the text. They will read, research, listen and discuss to formulate answers and opinions that the texts pose.

Prerequisites: Passing grade in the previous English course

This course will be offered in 2022-2023

The Microcosm of the Macrocosm

5 credits for each semester - total of 10 credits

11th – 12th grade

UC/CSU approval submitted

This course is designed to create critical thinkers, analytical readers, and effective speakers. This class focuses on building skills in various styles of writing, including college-level in class and out of class descriptive, narrative, expository and analytical compositions. A strong focus will be placed on evidence-based written and oral responses.

The Microcosm of the Macrocosm explores various written and visual texts that encourage critical analysis and discussion centered on how each individual's experience is integral to the macrocosm's identity. Students will be encouraged to reflect on the hyphenation of microcosm writers as part of the project of othering. With a tendency to view the human experience with a narrow lens and perpetuate that one's cultural experience is insignificant to the macrocosm, this course will broaden students' viewing lens and allow them to see that the microcosm is the core of the macrocosm. In order to give life to one's voice, these hyphenated authors demonstrate how to engage in self-exploration, recognition, and the truth that one must know their history in order to appreciate one's culture(s). They will read, research, listen and discuss to formulate answers and opinions that the texts pose to both culture and society that transcend their own microcosm.

Prerequisites: Passing grade in the previous English course

This course will be offered in 2021-2022

AP English Language and Composition

10 credits, 2 semesters

11th grade

College Board approved, UC / CSU approved

The Advanced Placement Course in English Language and Composition engages students in becoming skilled readers of nonfiction prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both the writing and the reading will 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. The course will focus on American Literature and will allow students to write in a variety of forms—narrative, exploratory, expository, argumentative, and analytical – and on a variety of subjects from personal experiences to public policies, from imaginative literature to popular culture. While preparation for the AP exam will be the focus, students will also write literary analysis essays. The overarching purpose is to enable students to write effectively and confidently.

Prerequisites: Minimum of B+ in English 10 Honors, application with possible interview, and department approval OR minimum of A- in English 10, application with possible interview, and department approval

AP English Literature and Composition

10 credits, 2 semesters

12th grade

College Board approved, UC / CSU approved

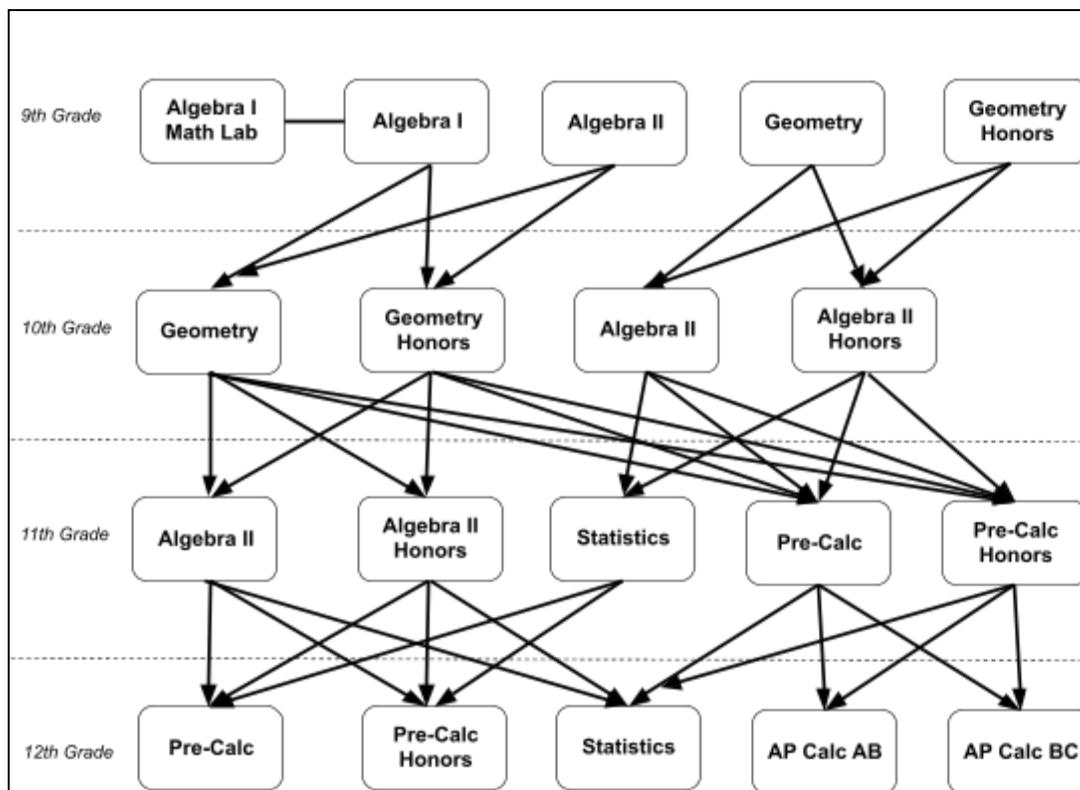
Advanced Placement English Literature and Composition is a grade-12 level literature course designed to challenge the most advanced student to increase the breadth and depth of his/her knowledge and understanding of world literature, to improve his/her writing, to expand his/her vocabulary, and to refine his/her grammatical skills. The course is primarily structured around key ideas and themes at the center of Western literary tradition. While the central focus is an articulation of the developmental changes in world literature and the critical analysis of representative works from various genres and periods, students are encouraged to know a few

AP English Literature and Composition (continued)

specific works extremely well; in this endeavor, a special concentration is focused on the period from the sixteenth century to the present. Through the emphasis on active reading --close reading and annotation--of a range of representative works, students experience the literature in a new, deeper way and gain competence in critical literary analysis and interpretative skills. The material, considered thematically and focused on “essential questions” relevant to each unit, provides an opportunity for students to understand the nuances and deeper meanings of representative texts; in this way, students will experience new insights into the social and cultural values exhibited therein. Students are encouraged to consider how literature provides a mirror that reflects the human condition; thus, students come to understand that the best literature deals with universal themes so that one can more fully understand one’s self and others.

Prerequisites: Minimum of B or higher in AP English Language and Composition application with possible interview, and department approval OR Minimum of A- in Upper Division semester courses with application with possible interview, and department approval

Mathematics Department



Algebra I

10 credits, 2 semesters

9th grade

UC/CSU approved

This course complies with the standards set by the Common Core, and it is a beginning course in algebra. The following topics are included: integers, algebraic operations, rational numbers, rules of exponents, polynomials, factoring, parallel and perpendicular lines, absolute value, radical expressions, solving and graphing linear equations, systems of equations, inequalities, and quadratics, functions and relations; application problems. A scientific calculator is required.

Prerequisites: None

Algebra 1 Math Lab

5 credits per semester

9th grade

Algebra 1 Math Lab is a companion course for students in Algebra 1 that need extra assistance in successfully completing Algebra 1. The class is designed to reinforce concepts and skills taught within our current Algebra I course. The class is designed to help students gain confidence in basic algebra skills with an emphasis placed on gaps in learning that prevent students from fully understanding algebraic math concepts. Students will practice and review topics corresponding to lessons covered in Algebra I. Placement in this class is based on High School Placement Test scores and department review.

Prerequisites: Concurrent enrollment in Algebra 1 and department approval.

Geometry

10 credits, 2 semesters

9th – 10th grade

UC/CSU approved

This course teaches students to use information that is given to them, in conjunction with definitions, postulates, and theorems to describe diagrams or solve algebraic problems. Topics covered in this course begin with describing and naming geometric figures and applying algebraic properties to find unknown values. Finding measures of and classifying triangles, polygons, and geometric solids is one area of study. This information is used in the creation of Formal Proofs which describe known characteristics of geometric figures. Trigonometric ratios will be briefly studied in the context of problem solving, and students will learn how to calculate the area of regular & irregular polygons, and the surface area and volume of geometric solids. Much emphasis is placed on students drawing connections between different topics discussed in class and on justifying every step taken to solve a problem with a mathematically sound reason. A scientific calculator is required.

Prerequisites: Passing grade in Algebra I

Incoming freshmen: Acceptable score on placement exam and HSPT

Geometry Honors

10 credits, 2 semesters

9th – 10th grade

UC/CSU approved

This course teaches students to use information that is given to them, in conjunction with definitions, postulates, and theorems to describe diagrams and solve algebraic problems. Topics covered in this course begin with describing and naming geometric figures and applying algebraic properties to find unknown values. Finding measures of and classifying triangles, polygons, and geometric solids is one area of study. This information is used in the formation of Two-Column and Indirect Proofs to describe known characteristics of geometric figures, and used to discover new characteristics as well.

Trigonometric ratios will be studied in the context of problem-solving regarding triangles and vectors. Students will learn how to calculate the area of regular & irregular polygons, and the surface area and volume of geometric solids. Much emphasis is placed on students drawing connections between different topics discussed in class and on justifying every step taken to solve a problem with a mathematically sound reason. In the honors section, the topics are covered in greater depth and the pace of presentation is faster. A scientific calculator is required.

Prerequisites: Minimum of A- in Algebra I, acceptable score on department placement exam, and department approval

Incoming freshmen: Acceptable score on placement exam and HSPT

Algebra II

10 credits, 2 semesters

10th – 12th grade

UC/CSU approved

This course expands on the basic algebraic concepts involved in solving equations and inequalities, factoring polynomials, graphs, exponents, and solving quadratic equations. In addition, it examines quadratic, logarithmic, and exponential functions, the application of functions to real world problems, conic sections, rational and irrational functions, and complex numbers. An approved graphing calculator is required.

Prerequisites: Passing grade in Algebra I

Algebra II Honors

10 credits, 2 semesters
UC/CSU approved

10th – 12th grade

This is a course that expands on the basic algebraic concepts involved in solving equations and inequalities, factoring polynomials, graphs, exponents, and solving quadratic equations. In addition, it examines quadratic, logarithmic, and exponential functions, the application of functions to real world problems, conic sections, rational and irrational functions, and complex numbers. In the honors section, the topics are covered in greater depth and the pace of presentation is faster. An approved graphing calculator is required.

Prerequisites: Minimum of B in Geometry Honors OR
Minimum of A- in Geometry, placement exam, and department approval

Precalculus

10 credits, 2 semesters
UC/CSU approved

11th – 12th grade

This course reviews the algebra concepts first presented in Algebra I and II. It presents an in-depth study of trigonometry and focuses on the equations and graphs of various types of functions. It also includes vectors, polar coordinates and the basics of sequences and series, statistics and probability (as time allows). The student is introduced to the fundamental ideas of calculus: the derivative and the Fundamental Theorem of Calculus (as time allows). An approved graphing calculator is required.

Prerequisites: Passing grade in Algebra II Honors OR Minimum of B- in Algebra II

Precalculus Honors

10 credits, 2 semesters
UC/CSU approved

11th – 12th grade

This course reviews the algebra concepts first presented in Algebra I and II. It presents an in-depth study of trigonometry and focuses on the equations and graphs of various types of functions. It also includes vectors, polar coordinates and the basics of sequences and series, statistics and probability (as time allows). The student is introduced to the fundamental ideas of calculus: the derivative and the Fundamental Theorem of Calculus (as time allows). In the honors section, the topics are covered in greater depth and the pace of presentation is faster. An approved graphing calculator is required.

Prerequisites: Minimum of B in Algebra 2 Honors OR
Minimum of A- in Algebra II, acceptable score on placement exam, and department approval.

AP Calculus AB

10 credits, 2 semesters
College Board approved, UC / CSU approved

12th grade

Basic calculus course whose focus is on the discussion of limits, derivative, definite and indefinite integrals. The goal of the course is to prepare the student to successfully pass the AP Calculus AB exam. This course is designed for advanced mathematics students who complete all of the requirements of the standard math curriculum plus Precalculus or Precalculus honors. An approved graphing calculator is required.

Prerequisites: Minimum of B in Precalculus Honors OR
Minimum of A- in Precalculus and acceptable score on placement exam

Statistics and Probability

10 credits, 2 semesters

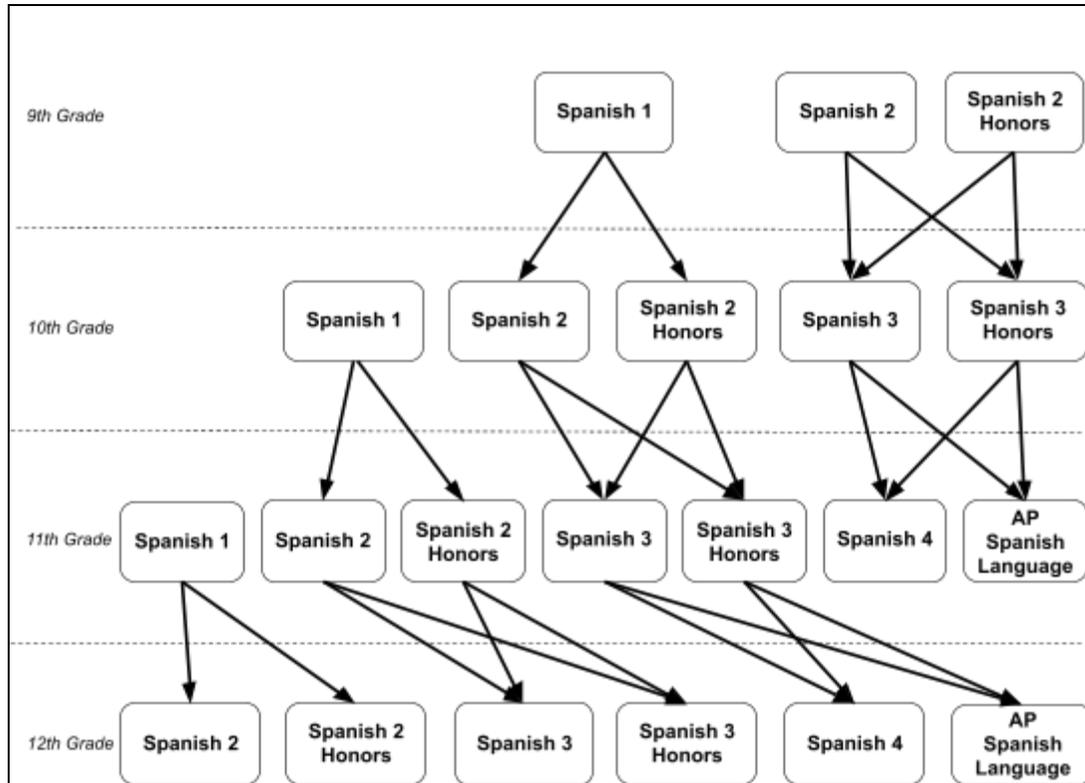
11th – 12th grade

UC/CSU approved

This course is an introduction to the study of statistics and probability. Students will learn how to collect, analyze and draw conclusions from data. Areas of focus within Statistics are organization of data in tables and visual representation of data in graphs, measures of central tendencies (mean, median, and mode) and measures of variation (variance and standard deviation) of both discrete and grouped data. This leads into the computation and application of various standard distributions (normal, binomial, and exponential), The Central Limit Theorem, and confidence intervals for measures of central tendencies and variation. All of these concepts will be applied to experimental design, and hypothesis testing. An approved graphing calculator is required.

Prerequisites: Passing grade in Algebra II OR Passing grade in Algebra II Honors AND department approval

Modern Language Department



Spanish 1

10 credits, 2 semesters
UC/CSU approved

9th – 11th grade

Spanish 1 is a course for students who wish to learn another language. It is intended to develop limited facility in each of the major communication skills: listening, speaking, reading, and writing. Major emphasis is on development of the ability to speak fluently with accurate pronunciation and intonation, while fostering an appreciation of the culture.

Prerequisites: None

Spanish 2

10 credits, 2 semesters
UC/CSU approved

9th – 12th grade

Spanish 2 is a course for students who wish to continue to learn to communicate in Spanish. Students will be able to express themselves at a basic level in present and past tenses. Instruction will continue in the major communication skills: listening, speaking, reading and writing. There will be continued emphasis on accurate pronunciation and intonation and a continued appreciation of the culture.

Prerequisites: Passing grade in Spanish 1 or acceptable score on placement exam and department approval

Spanish 2 Honors

10 credits, 2 semesters

9th – 12th grade

UC/CSU approved

Spanish 2 Honors teaches the same skills as the Spanish 2 course, but in greater depth and at a faster pace. Extension activities that reinforce and enhance learned material will differentiate this course as an Honors course. Students are prepared so that they will be eligible for placement in Spanish 3 Honors.

Prerequisites: Minimum B+ in Spanish 1, and department approval or acceptable score on placement exam and department approval

Spanish 3

10 credits, 2 semesters

9th – 12th grade

UC/CSU approved

Spanish 3 is a course for students who wish to continue to learn to communicate in Spanish. Students will be able to express themselves by forming more complex sentence structures and sustaining conversations with well-learned sentence structures, vocabulary, grammar, including a variety of verb tenses. Instruction will continue in the major communication skills: listening, speaking, reading and writing. These skills will be developed beyond basic survival needs and will include individual creative endeavors as well as an instruction to Spanish literature.

Prerequisites: Minimum B- in Spanish 2 OR
C+ in Spanish 2 and department approval

Spanish 3 Honors

10 credits, 2 semesters

9th – 12th grade

UC/CSU approved

Spanish 3 Honors teaches the same skills as the Spanish 3 course, but in greater depth and with a faster pace. Students are prepared so that they will be eligible for placement in the AP Spanish Language course.

Prerequisites: Minimum A- in Spanish 2 and department approval OR
Minimum B+ in Spanish 2 Honors and department approval

Spanish 4

10 credits, 2 semesters

10th – 12th grade

UC/CSU approved

This course is for students who successfully completed Level 3 or 3 Honors and would like to continue their studies in Spanish. In order to expand their linguistic ability, students will use all three language modes to interact with authentic materials. The classroom experience will provide students with diverse opportunities to explore past and present issues affecting Latin America and Spain and develop a deeper appreciation and awareness of Spanish-speaking cultures and their own. Through different class components, students will be encouraged to seek out new opportunities to use Spanish and interact with Spanish-speaking communities. In contrast with lower level Spanish classes, more emphasis will be placed on project-based learning, Integrated Performance Assessments(IPA) and communicative proficiency and 'real life' usage.

Prerequisites: Minimum B- in Spanish 3 OR C+ in Spanish 3 Honors and department approval

AP Spanish Language and Culture

10 credits, 2 semesters

11th – 12th grade

College Board approved, UC / CSU approved

AP Spanish Language is a course for students who wish to prepare for the advanced placement examination in the Spanish Language in May. The course is conducted in Spanish and assumes mastery of all basic grammar concepts. There is a continued emphasis on cultural understanding through readings and audiovisual texts that cover all parts of the Spanish-speaking world. There is continual and integrated practice of the different sections of the advanced placement examination.

Prerequisites: Minimum A in Spanish 3 and department approval OR
Minimum B+ in Spanish 3 Honors and department approval OR

Physical Education/Health

9th Grade	P.E./Health	Strength & Conditioning
		Strength & Conditioning
10th Grade	P.E./Health	Strength & Conditioning
		Strength & Conditioning
11th Grade	P.E./Health	Strength & Conditioning
		Strength & Conditioning
12th Grade	P.E./Health	Strength & Conditioning
		Strength & Conditioning

Required Course

Physical Education/Health

10 credits, 2 semesters

9th– 12th grade

This is a course for incoming freshmen. It is designed to help the student become aware of the importance of lifelong physical fitness. Emphasis will be placed on semi-advanced skills, competitive play, teamwork and social interaction within the framework of games. The course will cover strength and conditioning. Topics will include warm up, flexibility, speed training, agility training, weight training, and credits dealing with various athletic sports. One of the main objectives of this course is to aid students in finding fitness activities they can enjoy for the rest of their lives. In addition, this course includes credits on self-esteem, making healthy food choices, infectious diseases and drug and alcohol use/abuse and human sexuality. The purpose of the course is to allow all freshmen to learn about themselves, to become better in the sport of their choice, to learn the proper way to train and to increase flexibility and speed.

Prerequisites: None

Additional Courses

Play, Coach, Ref Sports

5 credits, 1 semester

9th– 12th grade

This course teaches students to play, coach and referee various sports. The purpose of this course is for students to understand the basics of how each of the selected sports are played. Each student will be able to understand the basics of the selected sports such as: objective of sport, positions, rules, etiquette and basics of each sport. Students completing this course will have sufficient knowledge to explain each game fully to elementary level students. Additionally the course will review basic coaching and referee techniques so students could use the skills to be a volunteer or paid coach or referee for a local children's league, community league, or in college intramural programs. Students will be exposed to the process for referee certification. A bonus will be staying physically fit through proper workouts and exercise!

This class is an elective and can be repeated.

Prerequisites: None

Strength and Conditioning

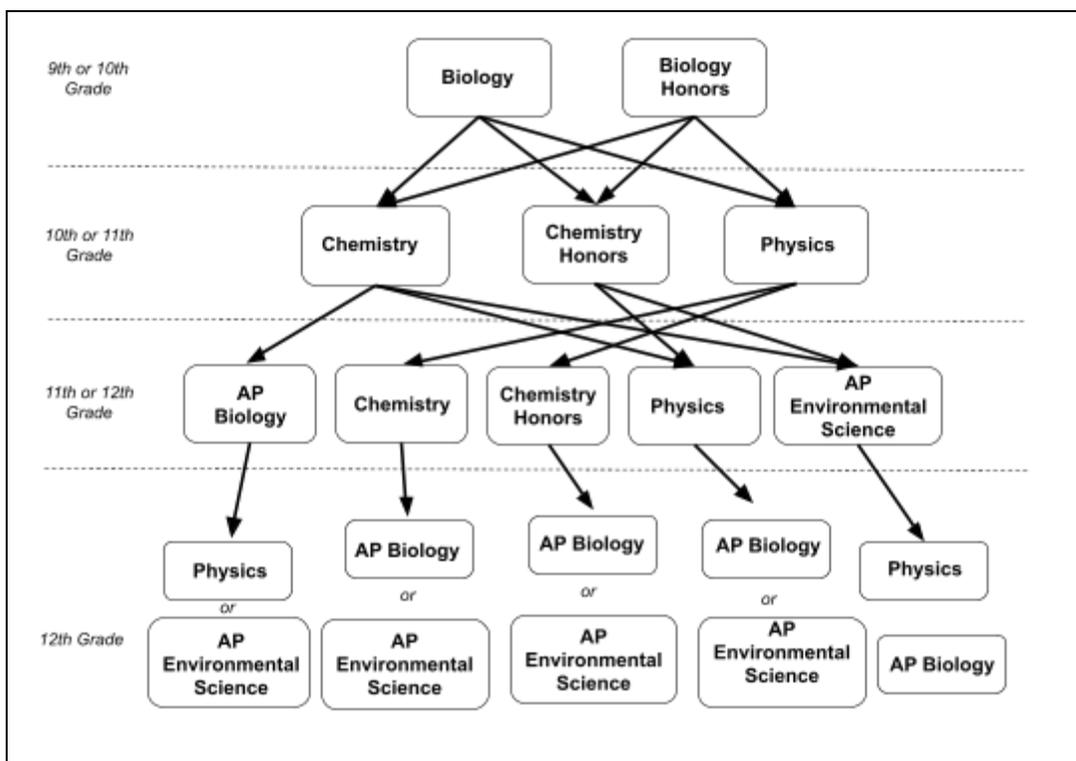
5 credits, 1 semester

9th– 12th grade

This course teaches students to participate in a variety of active learning experiences designed to develop, monitor, maintain, and assess physical fitness for athletes. The purpose of this course is for students to learn concepts for weight training and the basic fundamentals of strength training and conditioning. Students increase muscular strength, muscular endurance, cardiorespiratory endurance, and flexibility. Sport-specific weight programs are also available. Students study other health-related issues such as nutrition, positive healthy behaviors, and injury care and prevention. The course is designed to help students learn skills and confidence to maintain physical activity for their lifetime and to help others achieve fitness goals. This class is intended for students who participate in SF athletics. *This class is an elective and can be repeated.*

Prerequisites: None

Science Department



Note: Current and previous grade(s) will be considered in science placement

Biology

10 credits, 2 semesters

9th -10th grade

UC/CSU approved

This full year lab science course in Biology will be a challenging and exciting class, offering a vision of life and living organisms. Topics will range from our origins on this planet to ecology and the environment to plants and animals to the inner-workings of the human body. We will focus on the classical biology from the textbook while, at the same time, keeping an eye on the new information and technology that is constantly being discovered in this exciting time in which we live. Material will be taught by lecture, discussion, group activity, computer, and hands-on laboratory work.

Prerequisites: None

Biology Honors

10 credits, 2 semesters

9th-10th grade

UC/CSU approved

Biology Honors is an accelerated course in Biology designed for students who intend to take AP Biology in their junior or senior year. Students are expected to be self-motivated learners, organized, and ready and willing to work. The honors course will move at a rapid pace, cover topics in biology in a very in-depth level, and incorporate more advanced labs. Topics covered will include cellular biology, cellular energetics, genetics, evolution, bacteria and viruses, fungi, plant physiology, animal physiology, the human body, and ecology.

Prerequisites: Strong math and science grades, acceptable score on placement exam, and department approval

Chemistry

10 credits, 2 semesters

10th -12th grade

UC/CSU approved

This is a lab science college-preparatory course, which explores basic topics of inorganic chemistry and touches on organic and biochemistry. Concepts that will be covered include atomic structure, elements, compounds, chemical equations, energy, gas laws, solutions, acid/base chemistry, and nuclear chemistry, as well as recognizing functional organic groups and their role in macromolecules such as proteins, lipids and carbohydrates. Weekly laboratory group work enhances learning and prepares the student for success in college lab courses.

Prerequisites: Passing grade in Biology and 9th grade math class

Suggested: Students are strongly encouraged to take this course after or concurrently with Algebra II.

Chemistry Honors

10 credits, 2 semesters

10th- 12th grade

UC/CSU approved

This is an introductory chemistry course for the motivated student who enjoys science, especially those who plan to major in science in college. This course will be faster-paced than Chemistry and will cover topics in more depth and incorporate advanced labs, better preparing students for the AP Chemistry course. Topics will include scientific notation, significant figures, the metric system, atomic structure, elements, compounds, chemical equations, the mole, energy, gas laws, solutions, redox reactions, acid-base chemistry, nuclear chemistry, and organic functional groups and their role in the structure of biochemical macromolecules.

Prerequisites: Minimum of A- in Biology, or B+ in Biology Honors, math class grade B or better, and department approval

Physics

10 credits, 2 semesters

10th – 12th grade

UC/CSU approved

This is an introductory course in physics, which explores the basic concepts of inertia, force, energy, two-dimensional and rotational motion, gravity, properties of matter, heat, sound, electricity, and magnetism. The course is not calculus based, but does use algebraic mathematical models to explain the behavior of particles in motion, energy, and waves. Weekly laboratories enhance the student's ability to relate the material to everyday phenomena.

Prerequisites: Passing grade in Biology or Biology Honors and Geometry

AP Biology

10 credits, 2 semesters

11th – 12th grade

College Board approved, UC / CSU approved

This full year, lab science AP Biology course is designed to be the equivalent of a two-semester college level course in biology typically taken by first year college students. Upon successful completion of this course, students will be able to succeed on the AP biology exam with a minimum score of 3 and may be able to take upper level courses in biology, or take courses that would have a biology prerequisite, as college freshman. Due to the large amount of material and the limited time frame, students are expected to be independent learners, capable of committing extra time to reading and studying. There are 12 required labs that students will complete. *Prerequisites:* Minimum A- in Biology or minimum B+ in Biology Honors, acceptable score on placement exam, and department approval

This course will be offered during the 2022-2023 school year

AP Environmental Science

10 credits, 2 semesters

11th – 12th grade

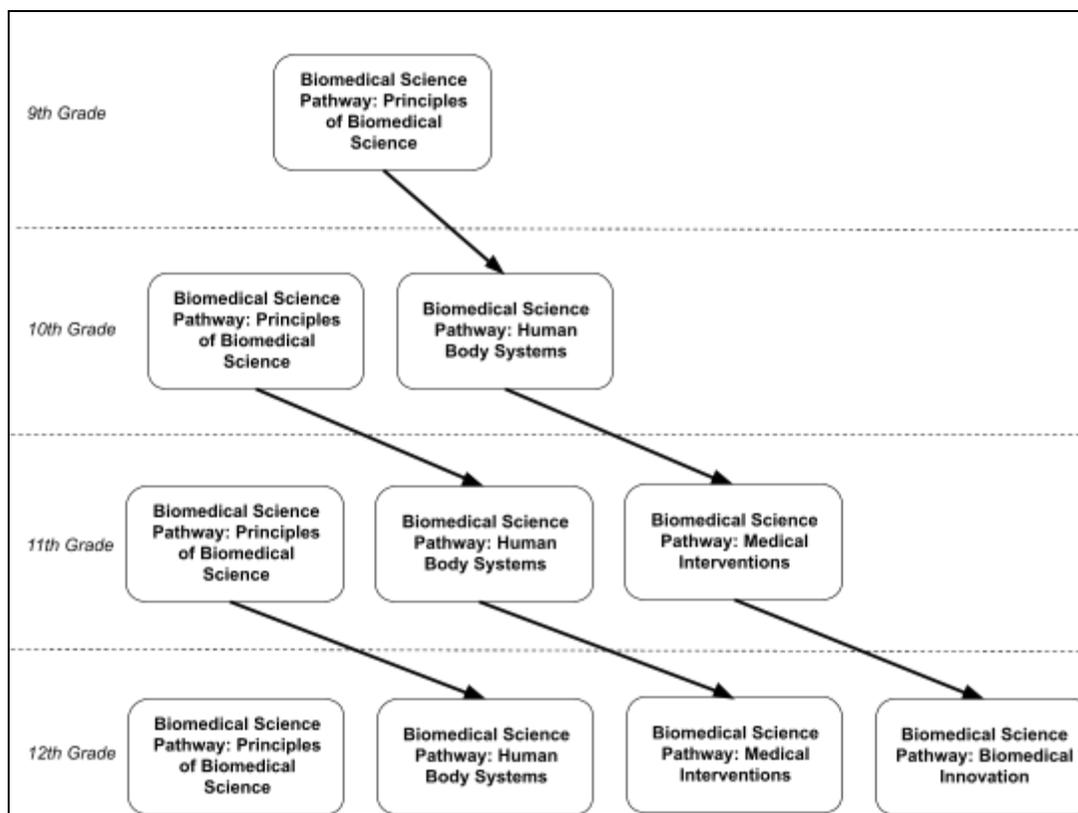
College Board Approved, UC / CSU approved

This college-level course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships in the natural world, to identify and analyze environmental problems, both natural and man-made, to evaluate risks associated with these problems, and to examine alternative solutions for resolving and/ or preventing them. Environmental science is interdisciplinary. Themes include: science is a process; energy conversions underlie all ecological processes; the Earth itself is one interconnected system; humans alter natural systems; environmental problems have a social and cultural context; and human survival depends on developing practices that will achieve sustainable systems. Emphasis is placed on critical thinking skills, writing skills, and analytical math skills.

Prerequisites: Minimum of B+ in all previous science department classes, math class grade B or better, and department approval

Project Lead the Way

Students interested in pursuing this biomedical science pathway are encouraged to view the sample student schedules and 4 year plans provided at the end of this Course Catalogue.



Biomedical Science Pathway- Principles of Biomedical Science

10 credits, 2 semesters

9th – 12th grade

UC / CSU approved / Honors Credit

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Prerequisites: Completion of Algebra I and may require interview, and department approval

Biomedical Science Pathway- Human Body Systems

10 credits, 2 semesters

10th-12th

grade

UC / CSU approved / Honors Credit

In the second year of the Biomedical Sciences pathway, students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Prerequisites: Minimum B in Principles of Biomedical Science, department approval.

Biomedical Science Pathway – Medical Interventions

10 credits, 2 semester

11th – 12th grade

UC / CSU approved / Honors Credit

In this third year of the Biomedical Sciences Pathway, students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Prerequisites: Minimum B in Human Body Systems, department approval

Biomedical Science Pathway – Biomedical Innovation

10 credits, 2 semester

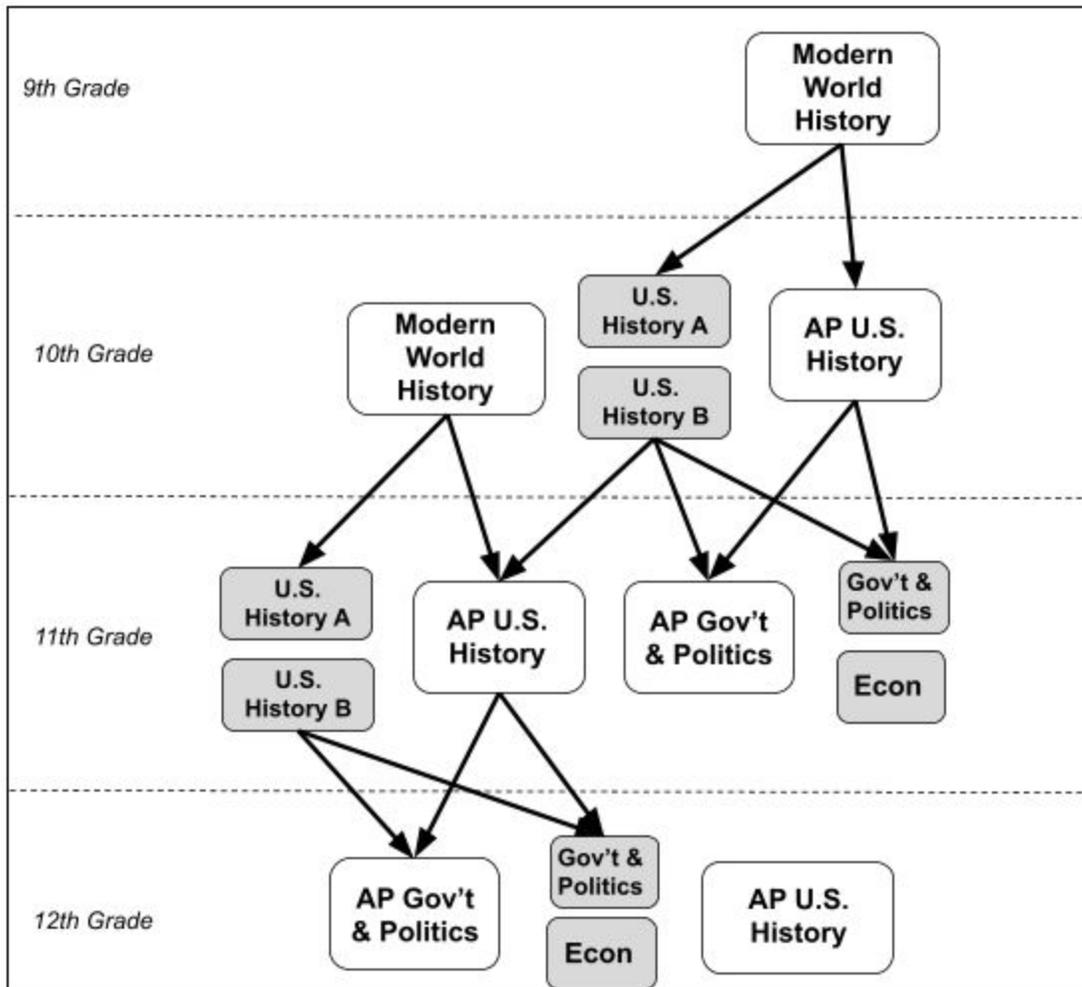
12th grade

Honors Credit

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology.

Prerequisites: Minimum B in Medical Interventions, department approval

Social Studies Department



History Courses

Modern World History

10 credits, 2 semesters

9th-10th grade

UC/CSU approved

This course will broaden our students' understanding of human social, cultural, political development throughout recorded history. We will analyze the development of Western and Eastern Civilizations. Students will develop an understanding of current world issues and events, and relate them to past geographical, political, economic, and cultural contexts. This course will challenge students to develop a clear picture of the development of human history from 1600 AD to the present day.

Prerequisites: None

United States History Part A

5 credits, 1 semester

10th-11th grade

UC/CSU approved

This course will introduce students to the foundations of American History. Students will examine the crucial events that shaped democratic ideals and created the values of the nation. Students will cover critical events including the founding of the New Nation, the Declaration of Independence, the creation of the democratic system, the Civil War, Reconstruction, and the Gilded Age. While studying these events students will discover how they shape today's world.

Prerequisites: Passing grade in Modern World History

United States History Part B

5 credits, 1 semester

10th-11th grade

UC/CSU approved

This course will introduce students to the foundations of American History. Students will examine the crucial events that shaped democratic ideals and created the values of the nation. Students will cover critical events including Imperialism, the Progressive Era, The Great Depression, both World Wars, the Cold War, Civil Rights Movement, and the War on Terrorism. While studying these events students will discover how they shape today's world.

Prerequisites: Passing grade in Modern World History

AP United States History

10 credits, 2 semesters

10th-12th grade

College Board approved, UC / CSU approved

Our course will encourage students to develop their historic understanding of and role as a citizen of the United States. To develop this understanding we shall study the political, economic, and social events that have shaped our nation and its citizens. We shall cover events from the British Colonial emergence to the early 21st century; with an emphasis on Modern Era political policy and implementation. Through rigorous study using lectures, role-plays, multimedia presentations, analyzing of government policy, and source documents or films, this college-level course will use these strategies to prepare students to take and pass the AP US History test given in May.

Prerequisites: Minimum of an A- in MWH or A- in USH Part A & B and an B+ in a general English course or B- in a Honors/AP English course from the previous year, and Social Studies department approval.

Government and Politics

5 credits, 1 semester
UC/CSU approved

11th-12th grade

This course will assist students in better understanding the institutions and processes of the American government. Students will compare and contrast the American democratic 1/13/13 (republican) form of government with other political systems and philosophies of the past and present. They will analyze documents, such as the Federalist Papers and the Bill of Rights, as well as develop an understanding of the interpretations of the U.S. Constitution. Students will examine the balance of powers and the system of checks and balances within the federal, state and local systems. In election years, they will gather data and analyze the key issues and platforms of the various parties. Students will also learn about the ideals of responsible citizenship and community involvement.

Prerequisites: Passing grade in U.S. History Part A and U.S. History Part B or AP U.S. History

Economics

5 credits, 1 semester
UC/CSU approved

11th-12th grade

Students will master fundamental economic concepts to help them make informed economic decisions based on factual analysis. Students will understand the interaction of government, business, and consumers in the American capitalist society. Basic economic tools: graphs, statistics, equations are used in the discussion and analysis of economic systems. Foundations of economics, an overview of microeconomics and macroeconomics, and principles of world economics are covered.

Prerequisites: Passing grade in U.S. History Part A and U.S. History Part B or AP U.S. History

AP Government and Politics

10 credits, 2 semesters
UC/CSU approved

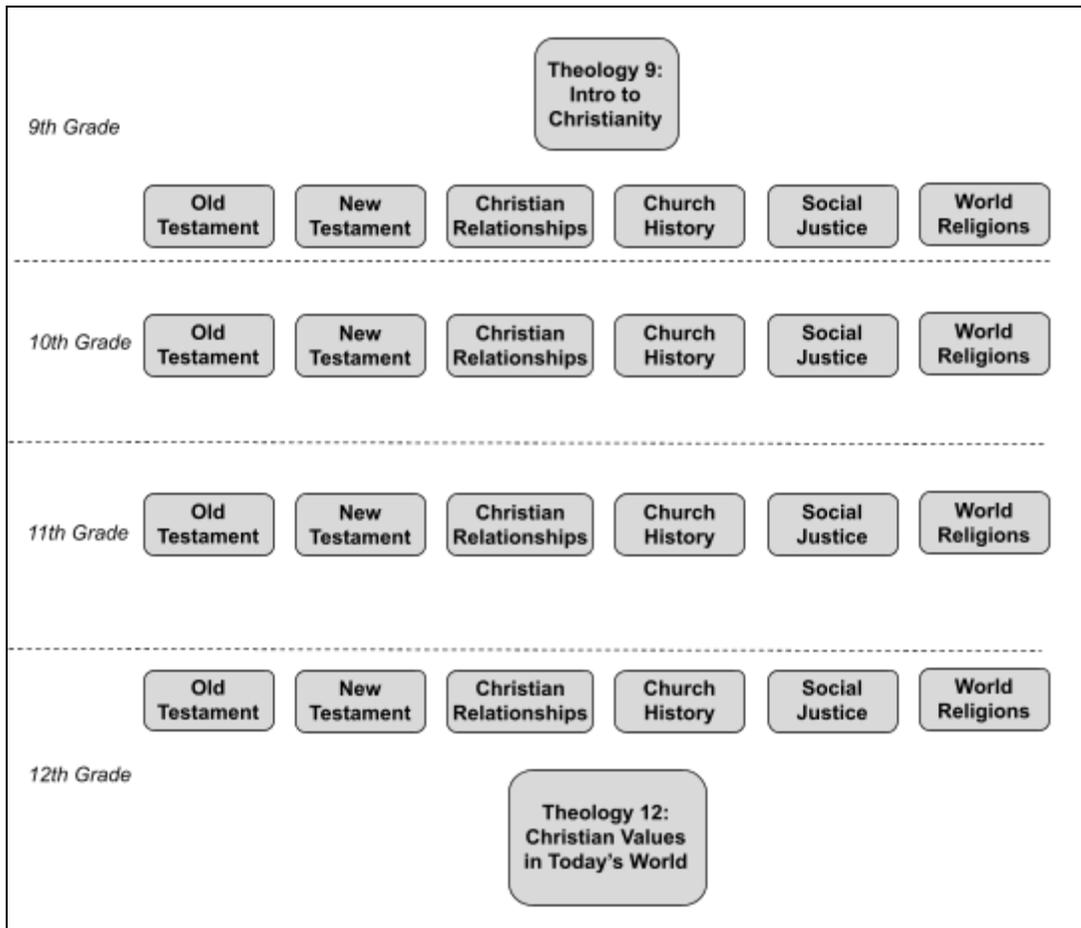
12th grade

This course explores the political theory and everyday practice that direct the daily operation of our government and shape our public policies. The express purpose of this course is to prepare students to take the AP U.S. Government and Politics Exam. The course is for all intents and purposes taught on a college level, and it requires a substantial amount of reading and preparation for every class. The objectives of this course go beyond a basic analysis of how our government “works.” Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens.

Prerequisites: Minimum of B in AP US History OR Minimum of A- in both U.S. History Part A and U.S. History Part B , and Social Studies department approval

Theology Department

St. Francis High School students are required to take 8 semesters of Theology courses. Freshmen are required to take Introduction to Christianity and seniors are required to take Christian Values in Today's World.



Introduction to Christianity

5 credits, 1 semester

9th - 12th grade*

In this course students will focus on the main credal elements of Catholicism. Students will explore the beliefs of the Catholic faith and how those beliefs help us relate to God. This course will also incorporate lessons in Salesian spirituality as well as the history and structure of St. Francis High School.

*Note: This course **may be assigned to students at all grade levels during their first all at SFHS**

Prerequisites: None

Offered: First semester of each school year

Old Testament

5 credits, 1 semester

9th - 12th grade

The religious studies course during the spring semester of freshman year introduces students to the central stories, characters and themes of the Hebrew Scriptures. Students will study the development of the Bible, literary form in Scripture, critical reading and contextual interpretation of biblical texts. The fundamental perspective of the course is that the Bible is the revealed Word of God written under the inspiration of the Holy Spirit--God's living word which speaks to us today of God's faithful love in our lives. In accord with Salesian spirituality, this course will incorporate prayer and reflection on Scripture so the students may grow in spiritual maturity and may better praise and serve God and others in their lives.

Prerequisites: None

Offered: Spring 2022

New Testament

5 credits, 1 semester

9th - 12th grade

This course is designed to introduce Jesus in the New Testament and provide students with Biblical literacy. Through the reading of the Gospels and Epistles and through activities, discussions, and assignments, students will uncover many truths of Jesus Christ revealed in the New Testament. Students will thus have a basic understanding of the New Testament and how the living God communicates to us today through Christ in word and spirit.

Prerequisites: None

Offered: Spring 2023

Christian Relationships

5 credits, 1 semester

9th - 12th grade

This course gives students opportunities to reflect on a Christian-Catholic approach to relationships. Students explore topics such as friendship, sexuality, love, healthy self-esteem, integrity, vocation, truth and freedom, and virtue. They learn decision-making and communication skills, which are particularly applicable and relevant during adolescence.

Prerequisites: None

Offered: Fall 2023

Church History

5 credits, 1 semester

9th - 12th grade

In this course, students will explore the history of the Catholic Church. Major events in the life of the Church will be discussed and the impact of such events will be evaluated. Students will gain perspective on some of the factors that affected decisions in the Church's history and evaluate them based on that perspective.

Prerequisites: None

Offered: 2024-2025

Social Justice

5 credits, 1 semester
UC/CSU approved

9th - 12th grade

This course is an introduction to and an overview of the history of the Catholic Church's stance on issues of social justice. In the Great Commandment, Jesus calls us to love God and to express this love of God through love of neighbor. Throughout its history, the Catholic Church has attempted to live out this Gospel mandate. This course provides the student with the opportunity to examine these attempts through a review of papal and National Bishops' Conference documents on social teaching, the Church's adoption of a "preferential option for the poor", and its work to address the causes of the social injustices present in our world today. This course will examine how the Church has addressed, in word and deed, various social issues such as: war and peace, poverty and affluence, unjust economic and political systems, racism and sexism, and the environment.

Prerequisites: None

Offered: Fall 2022

World Religions

5 credits, 1 semester
UC/CSU approved

9th-12th grade

This course takes a phenomenological approach to religion, examining various doctrinal, historical, and cultural issues within the world's major faiths that include: Hinduism, Buddhism, Taoism, Judaism, Islam, and Christianity. Students will explore key ideas and development of each religious tradition and witness to the value and wisdom within each religion. A portion of the course also explores the issue of an inter-religious dialogue and how the Second Vatican Council has impacted this dialogue.

Prerequisites: None

Offered: Fall 2021

Christian Values in Today's World

5 credits, 1 semester

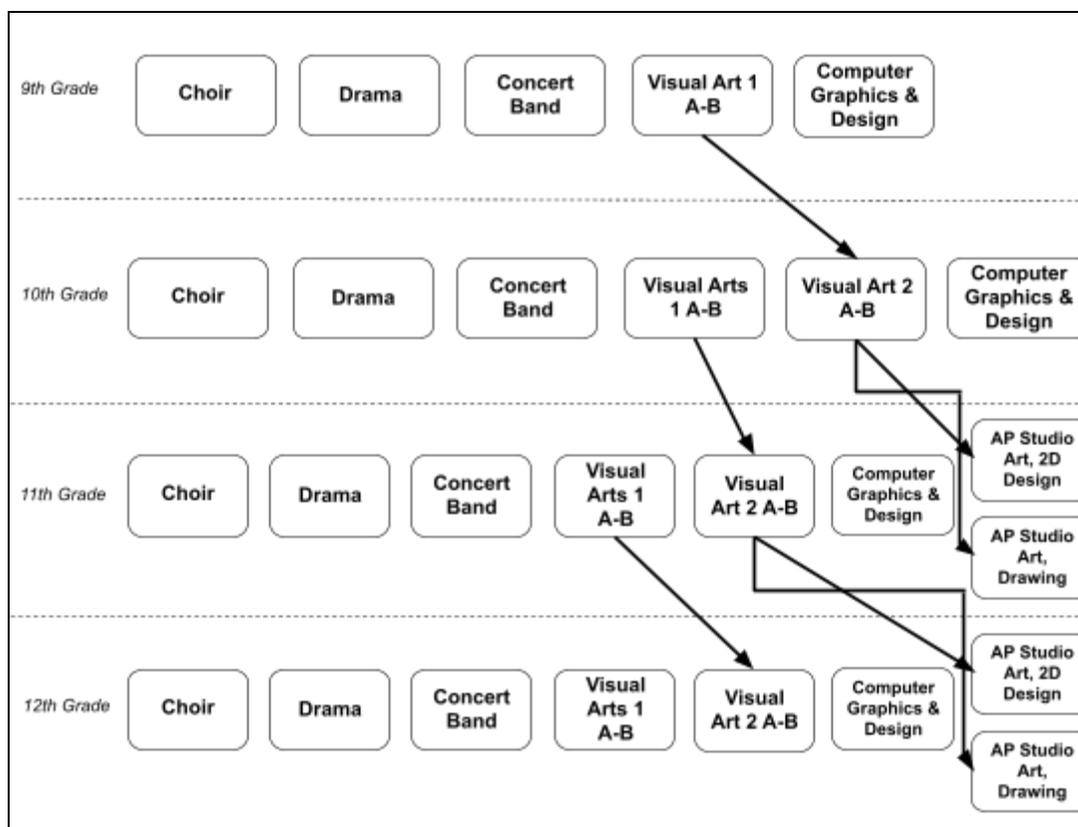
12th grade

This course explores what it means to live according to Christian values in the world today. Drawing from Scripture, Church documents, contemporary thinkers, and literary sources, students will discuss questions that engage and challenge young people of faith. Students will address the practical reality of cultivating values for themselves and coming to know themselves through their relationship to others, nature, and God. Topics such as developing a personal prayer practice, forming opinions on critical issues, and living a life of integrity will be addressed.

Prerequisites: None

Offered: Second semester of each school year

Visual and Performing Arts



Performing Art Courses

Choir

10 credits, 2 semesters

9th-12th grade

UC/CSU approved (must take both semesters for preliminary VAPA requirement)

Choir is a one-year course designed to develop vocal and performance skills of students participating in a mixed choir (Soprano, Alto, Tenor and Bass). Through critical listening and singing of a wide range of literature from different cultures, time periods and styles, students will develop aesthetic and cultural values. Medium to difficult high school choral literature will be performed at concerts with an emphasis on preparation of a portfolio for advanced study and the development of a career. *This class is an elective and can be repeated.*

Prerequisites: None

Drama

10 credits, 2 semesters

9th-12th grade

UC/CSU approved (must take both semesters for preliminary VAPA requirement)

As a year long course, drama is designed to introduce the art of acting through performance and through the study of dramatic works throughout history and in various cultures. Through reading of the textbook, analyzing and creating scripts and performances, design activities, acting activities, and performance, students will have an understanding of the importance of dramatic art in history and across cultures and the role and function of modern professional theater. *This class is an elective and can be repeated.*

Prerequisites: None

Concert Band

10 credits, 2 semesters

9th -12th grade

UC/CSU approved (must take both semesters for preliminary VAPA requirement)

Concert Band is intended to provide the student with musicianship techniques in instrumental performance (tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature, and integration of other applicable disciplines such as sight-reading and correct responses to a conductor's musical insight to the literature being studied and to be performed). During the year long course, students study a varied repertoire of developmentally appropriate concert band literature, technical studies, and develop the ability and artistry to convey a composer's intent in the performance of music. Upon completing the course the student will have acquired the necessary skills to perform with a strong musical background in which they may continue to develop their talents towards a musical vocation. Inherent to the course is the understanding that students are enrolled to further develop their own individual talents as well as develop the talents of the overall group which culminates in the creation and performance of music. *This class is an elective and can be repeated.*

Prerequisites: None

Visual Art Courses

Visual Art 1 A-B, Drawing and 2D Design

10 credits, 2 semesters

9th-12th grade

UC/CSU approved (must take both semesters for preliminary VAPA requirement)

Students will learn basic skills in drawing and design in a variety of media, applying fundamentals of the elements and principles of two-dimensional, representational drawing, such as contour, space and form, gesture, spatial relationships, perspective, proportion, value and texture to produce artwork that shows individual creativity and problem solving ability. Students will not only produce art but learn to verbally, and in written form, critically analyze and assess their own and other's artwork based on artistic philosophy, art criticism, art history and culture. Students will learn skills in visual, written and oral communication by developing and explaining the meaning and message of art projects created. They will also explore how art affects historic and contemporary culture by studying art as a public forum. Students' skills in critical thinking will be strengthened by problem solving to create unique and individual art projects. This year long course complies with California State content standards.

Prerequisites: None

Visual Art 2 A-B, Drawing and 2D Design

10 credits, 2 semesters
UC/CSU approved

10th-12th grade

Many of the art principles learned are similar to Art 1A-B with greater emphasis on developing technical skills, imparting meaning/emotional content, and development of a theme explored over time and different mediums. Students will continue exploring skills in drawing, painting and design in a variety of media, applying fundamentals of the elements and principles of two-dimensional fine art and design such as contour, space and form, spatial relationships, value, and color theory to produce artwork that shows individual creativity and problem solving ability. Students will not only produce art but learn to verbally, and in written form, critically analyze and assess their own and other's artwork based on artistic philosophy, art criticism, art history and culture. They will also explore how art affects historic and contemporary culture by studying art as a public forum. Student's skills in critical thinking will be strengthened by problem solving to create unique and individual art projects. Students will learn skills in visual, written and oral communication by developing and explaining the meaning and message of art projects created.

Prerequisites: Passing grade in Visual Art 1A-B

Computer Graphics and Design

10 credits, 2 semesters
UC/CSU approved

9th-12th grade

Computer Graphics, Yearbook and Design (CGD) is a yearlong computer graphics and yearbook course. Students are assigned to cover the school year in pictures and text as they learn skills in basic journalism and yearbook production such as: working collaboratively and creatively with design and journalism teams; employing basic graphic design; using the Adobe Creative Cloud (CC) software including Adobe Photoshop and Illustrator; taking and manipulating/repairing digital photos; designing and producing graphic media such as yearbook pages, posters, pamphlets; and producing video and multimedia presentations. In addition to the yearbook, the CGD class creates posters and other graphics projects for the Performing Arts Program and the St. Francis administration and teachers.

Prerequisites: None

Photography

5 credits, 1 semester

9th- 12th grade

Photography is a semester-long beginning art course designed to teach basic skills in digital photography and photo editing that demonstrate formal and conceptual art concepts.

Students are expected to develop responsibility, artistic expression, and sophistication and to discover their individual creativity, style, technique and ideation.

Prerequisites: None

AP Studio Art, 2D Design

10 credits, 2 semesters
College Board approved, UC/CSU approved

11th-12th grade

AP Studio Art 2D Design is a course designed for students who wish to learn and are ready to create art at the college level. This course enables students to take the AP Art Studio 2D Design or Drawing exam. Students are expected to exhibit a higher level of responsibility, artistic expression, and sophistication and to demonstrate individual style, technique and ideation. In addition to requiring students to work at an advanced level, this class allows students to prepare work showing growth and experimentation through a sustained investigation and submit the AP Portfolio in 2D Design or Drawing for review in May.

Prerequisites: Art 1, Art 2, and department approval

AP Studio Art, Drawing

10 credits, 2 semesters

11th - 12th grade

College Board approved, UC/CSU approved

AP Studio Art Drawing is a course designed for students who wish to learn and are ready to create art at the college level. This course enables students to take the AP Art Studio 2D Design or Drawing exam. Students are expected to exhibit a higher level of responsibility, artistic expression, and sophistication and to demonstrate individual style, technique and ideation. In addition to requiring students to work at an advanced level, this class allows students to prepare work showing growth and experimentation through a sustained investigation and submit the AP Portfolio in 2D Design or Drawing for review in May.

Prerequisites: Art 1, Art 2, and department approval

Other Course Offerings

AP Computer Science Principles

10 credits, 2 semesters

9th - 12th grade

College Board approved, UC/CSU approved

This is a course a full-year, rigorous, entry-level course intended to provide high school students the equivalent of an introductory college-level course in computing. Students will work individually and collaboratively on projects to cover topics including: programming, algorithms, the Internet, big data, digital privacy and security, and the impact computing has on society. The AP Computer Science Principles Exam is a requirement of the course.

Prerequisites: Grade of B+ or better in Algebra 1 and department approval

Film Studies

5 credits per semester

9th - 12th grade

Film Studies is a course designed to give students an introduction to cinema. Students will learn about the basics of filmmaking, how to analyze and critique movies and how to view film as art. The course will primarily focus on contemporary Hollywood movies.

Prerequisites: None

Leadership

5 credits, 1 semester

9th - 12th grade

Students will examine the roles, skills and traits of leadership. They will examine their personal strengths and responsibility in being effective leaders. Students will spend time exploring the difference between leadership and servant leadership to determine how God calls us to be people of action. Their final will consist of taking an active Servant Leadership role in a project of the students choosing.

This course can be taken multiple times, each for credit.

Prerequisites: None

Sample 4 Year PLTW Student Schedules

Below are four sample student schedules that all meet the SFHS graduation requirements, yet each has a different academic focus

- Highest Level of Rigor Available on Campus
- “All In” for Science
- Path to Bilingualism
- Balanced Schedule, but “All In” for PLTW

Highest Level of Rigor Available on Campus

	9th	10th	11th	12th
English	English 9	English 10	AP Language	AP Literature
Mathematics	Geometry Honors	Algebra II Honors	PreCalculus Honors	AP Calculus
Modern Language	Spanish I	Spanish II Honors	Spanish III Honors	
Physical Education	PE/Health			
PLTW	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovations
Science	Biology H	Chemistry Honors	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	AP United States History	AP Government
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts				Art or Band or Choir or Computer Graphics or Drama

“All In” for Science

	9th	10th	11th	12th
English	English 9	English 10	AP Language	AP Literature
Mathematics	Geometry	Algebra II Honors	PreCalculus Honors	AP Calculus
Modern Language	Spanish I	Spanish II Honors		
Physical Education	PE/Health			
PLTW	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovations
Science	Biology (or Biology H)	Chemistry (or Chem Honors)	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	AP United States History	AP Government
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts				Art or Band or Choir or Computer Graphics or Drama

PLTW Path to Bilingualism

	9th	10th	11th	12th
English	English 9	English 10	AP Language	AP Literature
Mathematics	Geometry Honors	Algebra II Honors	PreCalculus Honors	AP Calculus
Modern Language	Spanish II Honors	Spanish III Honors	Spanish IV	AP Spanish
Physical Education	PE/Health			
PLTW	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovations
Science	Biology (or Biology H)	Chemistry (or Chem Honors)	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	AP United States History	AP Government
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts				Art or Band or Choir or Computer Graphics or Drama

Balanced Schedule, but “All In” for PLTW

	9th	10th	11th	12th
English	English 9	English 10	Upper Division English	Upper Division English
Mathematics	Algebra I	Geometry	Algebra II	Precalculus
Modern Language	Spanish I	Spanish II		
Physical Education	PE/Health		Strength & Conditioning	TA for PE/Health or Strength & Conditioning
PLTW	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovations
Science	Biology	Chemistry		
Social Studies		Modern World History	United States History	Government & Economics
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts			Art or Band or Choir or Computer Graphics or Drama	Art or Band or Choir or Computer Graphics or Drama

Sample 4 Year Visual & Performing Arts Pathway

Below are four sample student schedules that all meet the SFHS graduation requirements, yet each has a different academic focus while participating in a VAPA Pathway

- Highest Level of Rigor Available on Campus
- “All In” for VAPA
- Performing Arts Focused
- Visual Arts Focused

Highest Level of Rigor Available on Campus

	9th	10th	11th	12th
English	English 9	English 10	AP Language	AP Literature
Mathematics	Geometry Honors	Algebra II Honors	PreCalculus Honors	AP Calculus
Modern Language	Spanish I	Spanish II Honors	Spanish III Honors	Spanish IV (or AP Spanish)
Physical Education	PE/Health			
Science	Biology (or Biology H)	Chemistry (or Chem Honors)	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	AP United States History	AP Government
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts	Art or Band or Choir or Computer Graphics Drama or Photography	Art or Band or Choir or Computer Graphics Drama or Photography	Art or Band or Choir or Computer Graphics Drama or Photography	Two Courses Art or Band or Choir or Computer Graphics Drama or Photography

“All In” for Visual & Performing Arts

	9th	10th	11th	12th
English	English 9	English 10 (or Eng 10 Honors)	2 Semesters of CP English (or AP Language)	2 Semesters of CP English (or AP Literature)
Mathematics	Algebra (or Geometry)	Geometry (or Algebra II)	Algebra II (or Precalculus)	Statistics (or AP Calculus)
Modern Language	Spanish I	Spanish II (or Span II Honors)	Spanish III	Spanish IV (or AP Spanish)
Physical Education	PE/Health			
Science	Biology (or Biology H)	Chemistry (or Chem Honors)	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	United States History (or AP United States History)	Government and Economics (or AP Government)
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts	Art or Band or Choir or Computer Graphics Drama or Photography	Art or Band or Choir or Computer Graphics Drama or Photography	AP Studio Art or Band or Choir or Computer Graphics Drama or Photography	AP Studio Art or Band or Choir or Computer Graphics Drama or Photography

Performing Arts Focused

	9th	10th	11th	12th
English	English 9	English 10 (or Eng 10 Honors)	2 Semesters of CP English (or AP Language)	2 Semesters of CP English (or AP Literature)
Mathematics	Algebra (or Geometry)	Geometry (or Algebra II)	Algebra II (or Precalculus)	Statistics (or AP Calculus)
Modern Language	Spanish I	Spanish II (or Span II Honors)	Spanish III	Spanish IV (or AP Spanish)
Physical Education	PE/Health			
Science	Biology (or Biology H)	Chemistry (or Chem Honors)	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	United States History (or AP United States History)	Government and Economics (or AP Government)
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts	Art or Band or Choir or Computer Graphics Drama or Photography	Band or Choir or Drama	Band or Choir or Drama	Band or Choir or Drama

Visual Arts Focused

	9th	10th	11th	12th
English	English 9	English 10 (or Eng 10 Honors)	2 Semesters of CP English (or AP Language)	2 Semesters of CP English (or AP Literature)
Mathematics	Algebra (or Geometry)	Geometry (or Algebra II)	Algebra II (or Precalculus)	Statistics (or AP Calculus)
Modern Language	Spanish I	Spanish II (or Span II Honors)	Spanish III	Spanish IV (or AP Spanish)
Physical Education	PE/Health			
Science	Biology (or Biology H)	Chemistry (or Chem Honors)	Physics	AP Biology
			AP Environmental Science	AP Environmental Science
Social Studies		Modern World History	United States History (or AP United States History)	Government and Economics (or AP Government)
Theology	Intro to Christianity & 1 semester course	2 semester courses	2 semester courses	1 semester course & Christian Values in Today's World
Visual & Performing Arts	Art or Band or Choir or Computer Graphics Drama or Photography	Art or Computer Graphics or Photography	AP Studio Art or Computer Graphics or Photography	AP Studio Art or Computer Graphics or Photography