



HOLY SPIRIT
PREPARATORY SCHOOL

Upper School Course Catalog

2017-2018



HOLY SPIRIT
PREPARATORY SCHOOL

Course Sequences

2017-2018



Six-year Plan

		Grade					
		7	8	9	10	11	12
1	Theology						
2	English						
3	Math						
4	Science						
5	Social Studies						
6	Language / Elective						
7	Other						

Summary of High School Graduation Requirements (College Prep Diploma)

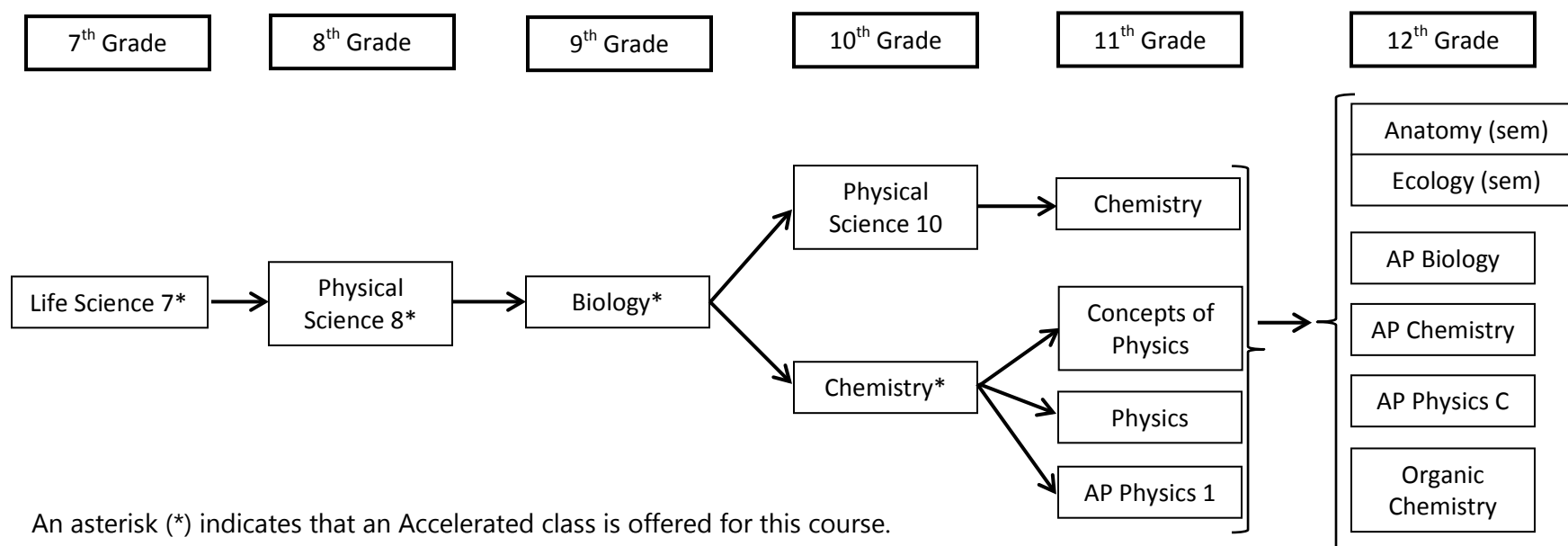
- Theology: 4 credits
- English: 4 credits
- Math: 4 credits
- Science: 4 credits
- Fine Arts: 1 credit (2 semesters)
- Physical Education: 1 credit (2 semesters)
(PE requirement can be met by participation in a sport for 2 seasons)
- 1 Additional credit in any discipline
- Latin I or Greek I
- 2 credits in the same language (Latin, Greek, or Spanish)
- Social Studies:
 - World History
 - U.S. History
 - Western Civilization
 - Economics
 - U.S. Government

Additional Requirements for the Classical Diploma

- At least 1 AP English
- At least 1 AP Math
- At least 1 AP Science
- At least 1 AP Social Studies
- Physics (or AP Physics 1)
- 3 Credits in a classical language (Latin or Greek)
- 2 Additional credits (rather than 1) in any discipline



Science Course Sequence



An asterisk (*) indicates that an Accelerated class is offered for this course.

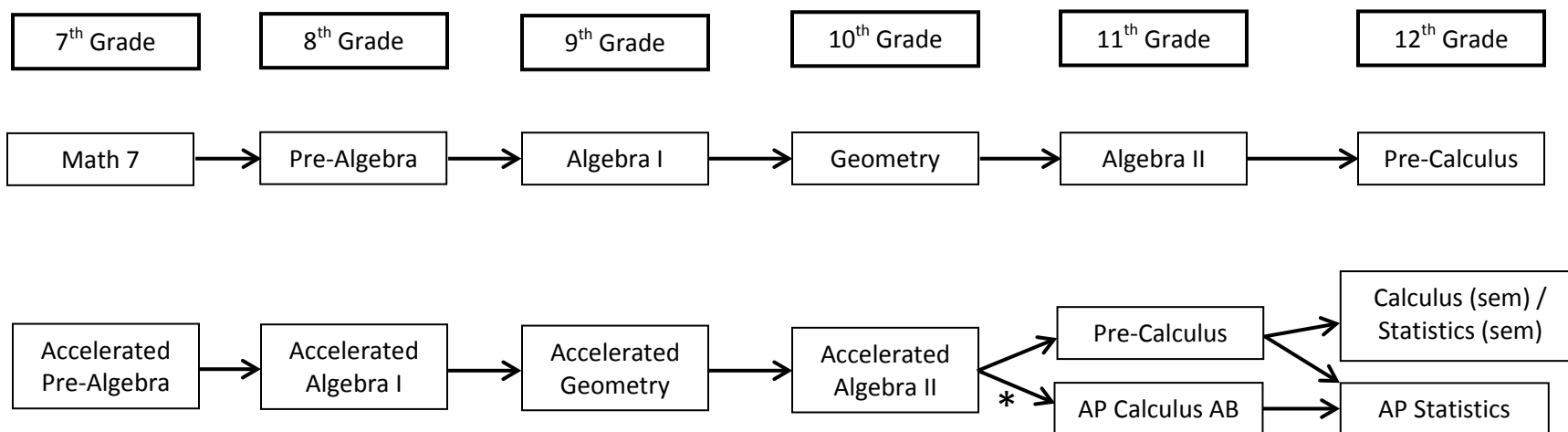
High School Graduation Requirements

1. Biology
2. Chemistry
3. Physical Science 10 or Concepts of Physics or Physics or AP Physics 1
4. Science Elective (1 year or 2 semesters)

Depending on a student's schedule, it might be possible for a student to complete more than 4 Science courses by taking more than 1 course in a given year (if the student meets all necessary pre-requisites).



Math Course Sequence



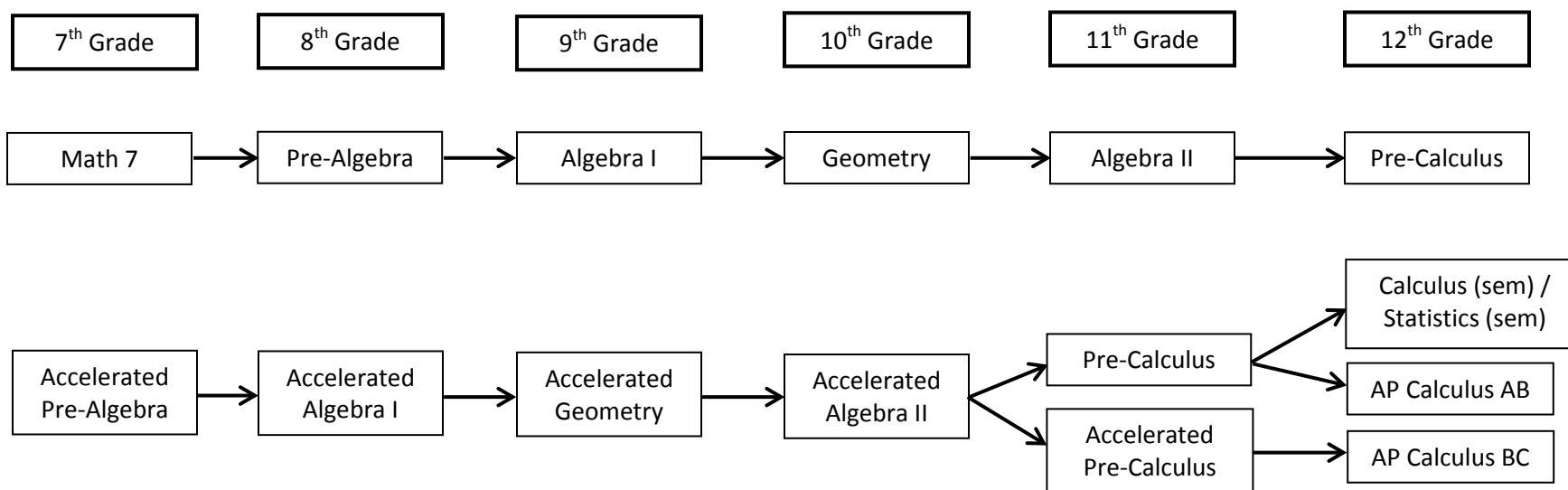
The sequences shown above are the most common paths followed by HSP students. The Math Department reevaluates the placement of every student at the end of each year and will occasionally deviate from the sequence in order to serve the needs of the student.

*After the 2017-2018 school year, Accelerated Algebra II will no longer lead directly on to AP Calculus AB.



Please note that the Math Course sequence will be modified slightly beginning with the 2018-2019 school year. If you have any questions regarding this modification, please contact Miss Rachel Little (Registrar) via email at rlittle@holyspiritprep.org

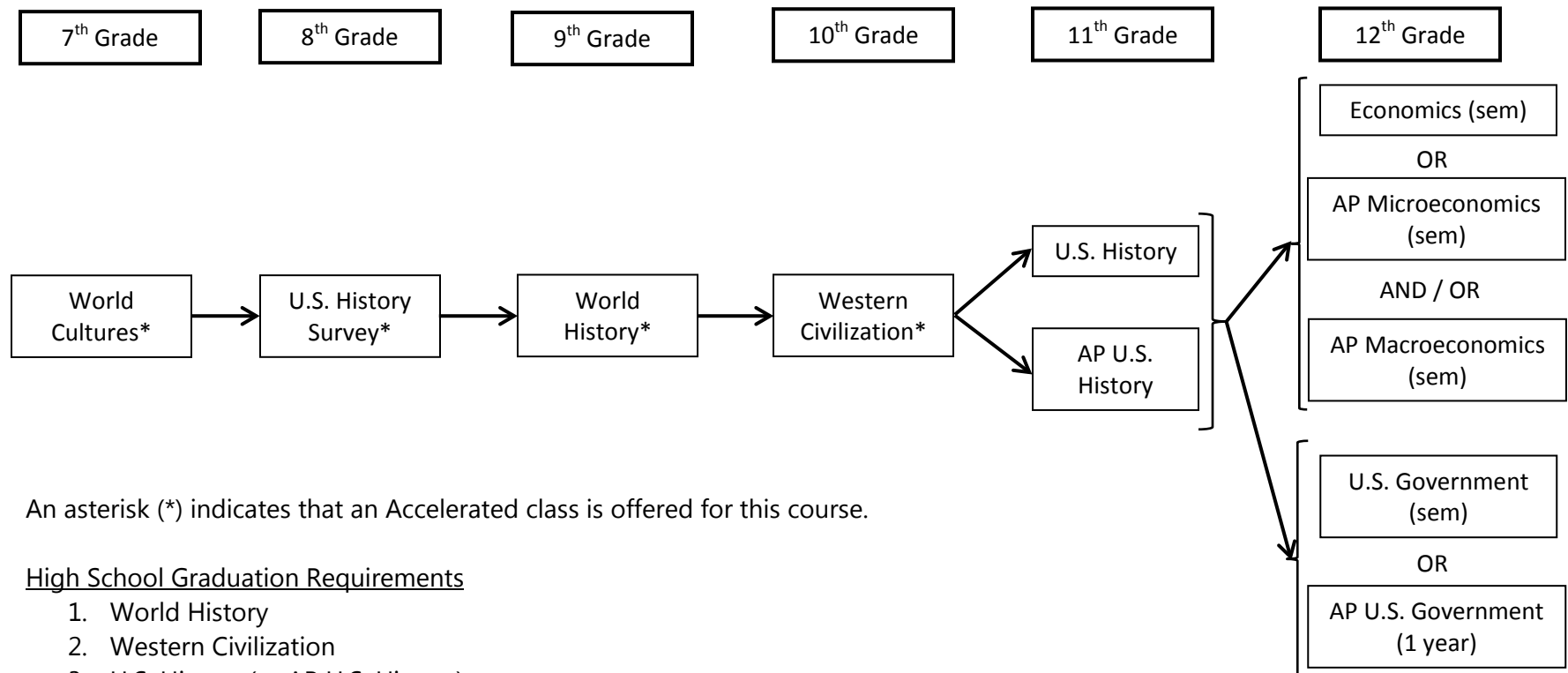
Math Course Sequence Beginning 2018-2019



The sequences shown above are the most common paths followed by HSP students. The Math Department reevaluates the placement of every student at the end of each year and will occasionally deviate from the sequence in order to serve the needs of the student.



Social Studies Course Sequence



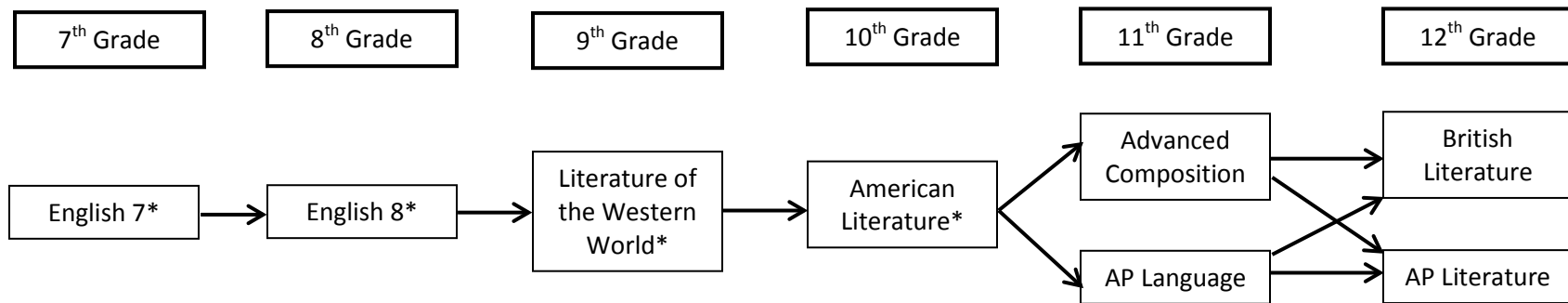
An asterisk (*) indicates that an Accelerated class is offered for this course.

High School Graduation Requirements

1. World History
2. Western Civilization
3. U.S. History (or AP U.S. History)
4. Economics (or AP Microeconomics or AP Macroeconomics)
5. U.S. Government (or AP U.S. Government)

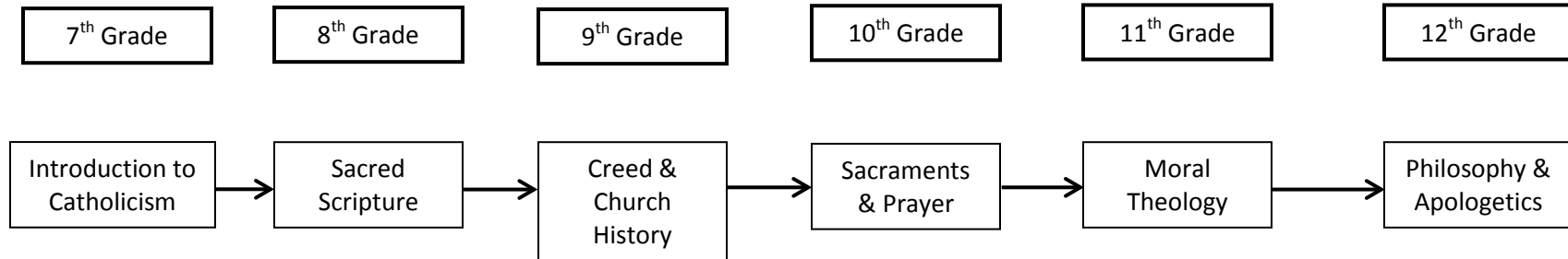


English Course Sequence



An asterisk (*) indicates that an Accelerated class is offered for this course.

Theology Course Sequence





HOLY SPIRIT
PREPARATORY SCHOOL

Diploma Offerings

2017-2018

Diploma Offerings: College Prep Diploma

College Prep Diploma: A student must accumulate at a minimum 25 credits (may vary for students transferring to HSP in high school) to include:

- 4 credits in Mathematics - must include a minimum of Algebra I, Geometry, Algebra II, Pre-Calculus or Calculus (or, for a transfer student, their equivalent at another institution).
- 4 credits in Social Science - must include World History/Accelerated World History, Western Civilization/Accelerated Western Civilization, U.S. History/AP U.S. History, U.S. Gov't /AP U.S. Gov't & Politics, and Economics/AP Macroeconomics/AP Microeconomics (or, for a transfer student, their equivalent at another institution) (some Social Science courses are yearlong or semester courses).
- 4 credits in Science - must include a minimum of Biology, Chemistry and Physical Science/Physics (or, for a transfer student, the equivalent at another institution).
- 4 credits in English - must include Literature of the Western World/Accelerated Literature of the Western World, American Literature/Accelerated American Literature, Advanced Composition/AP English Language Composition, and British Literature/AP English Literature (or, for a transfer student, their equivalent at another institution).
- 4 credits of Theology, one for each full school year for which the student is enrolled in high school at Holy Spirit Prep.
- 2 or 3 credits of Foreign Language – prior to graduation, students must complete two consecutive years of the same foreign language taught at HSP. If the student chooses a foreign language other than Latin or Greek for his/her two consecutive year requirement, an additional high school credit in Latin or Greek is also required. A high school Latin or Greek credit may be earned at HSP before entering high school and transferred to the high school transcript at the student's request. If requested, the transferred credit will count as the required Latin or Greek credit but not towards the requirement for two consecutive credits in high school.
- 2 semesters of Fine Arts.
- 2 semesters of Physical Education. Full participation in two sports programs while in high school will fulfill this requirement.
- 1 additional credit in any discipline.

Diploma Offerings: Classical Diploma

Classical Diploma: Must earn a B (81%) average or better for the year for all required courses. A student must accumulate at a minimum, 27 credits taken **at Holy Spirit Prep**, to include:

- 4 credits in Mathematics - must include a minimum of Algebra I, Geometry, Algebra II, Pre-Calculus, and Calculus/AP Calculus AB or AP Statistics. Must include at least one AP Mathematics course.
- 4 credits in Social Science - must include World History/Accelerated World History, Western Civilization/Accelerated Western Civilization, U.S. History/AP U.S. History, U.S. Gov't /AP U.S. Gov't & Politics, and Economics/AP Macroeconomics/AP Microeconomics. Must include at least one AP Social Science course.
- 4 credits in Science - must include a minimum of Biology, Chemistry, and Physics. Must include at least one AP Science course.
- 4 credits in English - must include Literature of the Western World/Accelerated Literature of the Western World, American Literature/Accelerated American Literature, Advanced Composition/AP English Language Composition, and British Literature/AP English Literature. Must include at least one AP English course.
- 4 credits in Theology, one for each full school year for which the student is enrolled in high school at Holy Spirit Prep.
- 3 credits in Classical Languages (Greek and/or Latin) – must include two consecutive years of the same Classical language during the high school (9th through 12th grade) years. High school Classical Language credits may be earned at Holy Spirit Prep before entering high school and transferred to the high school transcript at the student's request. If requested, the transferred will count towards the three required credits but not towards the requirement for two consecutive credits in high school.
- 2 semesters of Fine Arts.
- 2 semesters of Physical Education. Full participation in two sports programs while in high school will fulfill this requirement.
- 2 additional credits in any discipline.



HOLY SPIRIT
PREPARATORY SCHOOL

Course Descriptions

2017-2018

Important Information

The following pages contain descriptions for courses offered at Holy Spirit Preparatory School during the 2017-2018 school year.

In addition, please be aware of the following policies regarding specific classes:

Advanced Placement (AP) Course Enrollment

All students enrolled in an Advanced Placement (AP) course will be required to take the AP Exam in May. Payment for the exam will be collected within the first 4-6 weeks of second semester.

Midterms & Final Exams for Elective Courses

A midterm and final exam or project may be required in any elective course at the discretion of the Department Chair. Elective courses are defined as any course that a student is enrolled in that exceeds a graduation requirement.

Course Descriptions

English Department

English 7 (1 Year)

Prerequisite: None

This course focuses on a foundation of the understanding of the English Language. In this course, students are given the opportunity to develop and refine their writing and reading comprehension skills in a workshop setting. Through the study of the writing process, students will produce writing that is focused, organized, and well developed, using research and technology to support their work. Students will also develop critical thinking skills through roundtable inquiry discussions based on literary and non-literary works read throughout the year. In order to support students' understanding and use of the English language, grammar and vocabulary instruction is integrated within the context of each thematic unit.

Accelerated English 7 (1 Year)

Prerequisite: Department Chair Recommendation

This course focuses on a foundation of the understanding of the English Language and is designed for motivated students with demonstrated passion for writing and literature. In this course, students are given the opportunity to develop and refine their writing and reading comprehension skills in a workshop setting. Through the study of the writing process, students will produce writing that establishes an appropriate organizational structure; sets a context and engages the reader; maintains a coherent focus throughout; and provides a satisfying conclusion. Students will also develop critical thinking skills through roundtable inquiry discussions based on literary and non-literary works read throughout the year. In order to support students' understanding and use of the English language, grammar and vocabulary instruction is integrated within the context of each thematic unit. Students in the Accelerated course will engage in analysis of more challenging texts and themes and will produce writing that integrates more sophisticated structures and techniques.

English 8 (1 Year)**Prerequisite: None**

This course focuses on the continued study of the writing process and aims to guide students toward a more mature and complex analysis of fiction and nonfiction texts across the curriculum. Students will learn to use research and analysis to strengthen their writing across every discipline and will demonstrate understanding and control of the rules of the English language. Using shared inquiry, students will delve deeper into literary texts, identifying and discussing themes as well as literary techniques. Vocabulary instruction is integrated within the context of each thematic unit and incorporates the study of Greek and Latin roots and affixes.

Accelerated English 8 (1 Year)**Prerequisite: Department Chair Recommendation**

This course focuses on the continued study of the writing process and aims to guide students toward a more mature and complex analysis of fiction and nonfiction texts across the curriculum. Students will learn to use research and analysis to strengthen their writing across every discipline and will demonstrate understanding and control of the rules of the English language. Using shared inquiry, students will delve deeper into literary texts, learning to communicate their ideas and opinions in a variety of written and spoken forms. Students in the Accelerated course will engage in analysis of more challenging texts and themes and will produce writing that integrates more sophisticated structures and techniques. Vocabulary instruction is integrated within the context of each thematic unit and incorporates the study of Greek and Latin roots and affixes.

Literature of the Western World (1 Year)**Prerequisite: None**

This course focuses upon classics of the Western World from Ancient Greece through contemporary times. Students are guided to recognize universal themes, symbolic patterns, and social values within classical Western literature as well as its historical context and influence. The course integrates the study of literature and the practice of essay writing, both in and out of class, with further study of the writing process. Students will strengthen their understanding of the characteristics of narrative, informative, and argumentative writing, composed for a variety of purposes and audiences. Vocabulary instruction is integrated within the context of each thematic unit.

Accelerated Literature of the Western World (1 Year)**Prerequisite: Department Chair Recommendation**

This course focuses upon classics of the Western World from Ancient Greece through contemporary times. Students are guided to recognize universal themes, symbolic patterns, and social values within classical Western literature as well as its historical context and influence. The course integrates the study of literature and the practice of essay writing, both in and out of class, with further study of the writing process. Students will further their understanding of the characteristics of narrative, informative, and argumentative writing. Using inquiry-based Essential Questions as the foundation of each thematic unit, students in the Accelerated course will engage in a deeper analysis of the grade-level texts as well as more challenging texts. Vocabulary instruction is integrated within the context of each thematic unit.

American Literature (1 Year)**Prerequisite: None**

American Literature focuses upon classics of American literature from the colonial to the modern period, guiding students to recognize the historical context and influence of American

Literature. The course integrates the study of literature and the practice of essay writing, both in and out of class, with further study of the writing process. Students will learn to develop their style while reviewing and practicing the form, organization, and flow of the analytical and research essay writing. Throughout the year, the students will be responsible for vocabulary development, outside reading, and two term papers examining the history of American Literature.

Accelerated American Literature (1 Year)

Prerequisite: Department Chair Recommendation

Accelerated American Literature focuses upon classics of American literature from the colonial to the modern period. The course integrates the study of literature and the practice of essay writing, both in and out of class, with further study of the writing process. Students will formulate in-depth analyses and criticism of literary works, examining extended themes and the use of style and voice of American authors in preparation for Advanced Placement English classes. Students will learn to refine their style while focusing on essay writing. Throughout the year the students will be responsible for vocabulary development, outside reading, and two term papers examining the history of American Literature.

Advanced Composition (1 Year)

Prerequisite: None

Advanced Composition is designed to enhance students' proficiency in writing across every discipline and for a variety of purposes. Through an in-depth study of the writing process and authors' techniques, students will refine their ability to produce coherent, organized, and well-developed essays. In examining both literary and non-literary texts, written for different purposes and in varying styles and contexts, students will analyze and reflect upon their own writing. Vocabulary and grammar instruction is integrated in order to strengthen students' understanding and application of the conventions of the English language.

AP English Language and Composition (1 Year)

Prerequisite: Department Chair Recommendation

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. Through their writing and reading in this course, students will become 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 effective writing. The course aims to guide students in defining and recognizing the techniques applied to non-fiction and rhetorical writings and to prepare students for the AP English Language Exam.

British Literature (1 Year)

Prerequisite: None

This year-long course is a comprehensive survey of British literature in all its brilliant diversity. Students will read, study, and analyze various plays, poems, and novels emanating from the United Kingdom, recognizing the historical context and influence of British literature. In addition to refining their narrative, argumentative, and informative writing, students will begin to conduct sophisticated research culminating in an extensive, college-level research paper.

AP English Literature and Composition (1 Year)

Prerequisite: Department Chair Recommendation

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. As they work to read and analyze fiction writing at a college level, students will gain experience in using literary critiques as sources in writing, as well as developing their own literary criticisms.

Short Stories and Composition (1 Semester)

Prerequisite: None

The aim of this semester elective is to expose students to techniques and themes prevalent in short works of fiction from various authors and literary eras and to guide students in applying these techniques as they compose their own fictional narratives. While the course focuses primarily on reading and composing narrative writing, students will have opportunities to refine their analytical skills and to engage in in-depth discussions, reinforcing skills they have learned in previous English courses. This course is open to juniors and seniors only.

Contemporary Literature (1 Semester)

Prerequisite: None

The aim of this semester elective is to expose students to techniques and themes prevalent in more contemporary works of fiction. Through class discussions and independent inquiry, students will examine how contemporary writers use fiction to respond to the various conflicts and concerns in the world around them. Students will also analyze how these authors often draw inspiration from great writers of previous literary eras. This course is open to juniors and seniors only.

Social Studies Department

World Cultures 7 (1 Year)

Prerequisite: None

This course will introduce students to a number of non-Western civilizations. The four main regions taught over the course of the year will include the Middle East, Africa, East Asia, and Latin America. The class will cover the historical, religious, and cultural aspects of the people of these regions, and offer students a better understanding of their impact on the world. Students will also be given a basic geographic understanding of the regions in which these civilizations developed. Map exercises, movie clips, topical discussions, lectures, presentations, and weekly reading assignments will be employed to help the students better grasp the subject matter. The goal of this course is to present the history and cultures of non-Western peoples from pre-history to the modern day.

Accelerated World Cultures 7 (1 Year)

Prerequisite: Department Chair Recommendation

The Accelerated course covers the same topics as World Cultures (7th grade) but goes further in depth and includes more challenging assignments.

United States Survey 8 (1 Year)**Prerequisite: None**

This course will offer a study of our history as Americans from the colonization era up to the Cold War. Throughout the course, there will be lessons on politics, economics, law, religion, growth and minority struggles in the United States. A focus will be to connect and explain contemporary U.S. policies in light of their historical context. Each unit will begin with exploration of the contemporary theme by way of news and journal articles, historical context, activities and simulations. These will ground the students in an understanding of how history led to current policy. The goal of this course is to present the history of the United States and gain an understanding of how the American identity developed.

Accelerated United States Survey 8 (1 Year)**Prerequisite: Department Chair Recommendation**

The Accelerated course covers the same topics as United States Survey 8 but goes further in depth and includes more challenging assignments.

World History (1 Year)**Prerequisite: None**

This course will offer a general overview of the major periods of history from the earliest of times. Mixed in throughout the course will be lessons on politics, law, religion, and minority struggles throughout the world. Debates, topical discussions, lectures, presentations, writing assignments, and weekly reading homework will be used to facilitate student learning. Students will learn how to write expository essays throughout the course to prepare them for the next levels of Social Studies courses at Holy Spirit Preparatory School. The goal of this course is to present the history of the world starting with the ancient Middle East and ending with the Middle Ages.

Accelerated World History (1 Year)**Prerequisite: Dept. Chair Recommendation**

This course will offer a general overview of the major periods of history from the earliest of times. Mixed in throughout the course will be lessons on politics, law, religion, and minority struggles throughout the world. Whenever possible, primary documents and point of view analysis will be incorporated to increase the students' understanding of the material. In addition, movie clips, as well as debates, topical discussions, lectures, presentations, writing assignments, and weekly reading homework will be used to aid the student in understanding the material. Students will learn how to write expository essays throughout the course with emphasis on document based and free response questions to prepare them for the advanced placement courses at Holy Spirit Preparatory School. The goal of this course is to present the history of the world starting with the ancient Middle East and ending with the Middle Ages.

Western Civilization (1 Year)**Prerequisite: None**

Modern Western Civilization examines the political, social, religious, economic, and cultural development of Western nations. Major topics include the rise of nation-states, the Age of Exploration, the Age of Revolution and Reaction, the Industrial Revolution, the Age of Imperialism and the world wars.

Accelerated Western Civilization (1 Year)**Prerequisite: Dept. Chair Recommendation**

Accelerated Western Civilizations is an advanced course which will prepare students for the rigors of Advanced Placement Social Sciences. The course covers the time periods from the Renaissance through the fall of the Berlin Wall. Specific emphasis will be placed on the economic, political, and philosophical movements that altered the course of European History. Students must be self-motivated to go above and beyond the material presented during class time, as this course simulates a college seminar style class. Instructional practices include Socratic teaching, point of view instruction, student debates and simulations, as well as a focused effort on historical writing skills. At the completion of this course, students will be prepared to learn, write, and study in a style similar to that of a college student.

United States History (1 Year)**Prerequisite: None**

United States History examines our nation's history from the discovery of the new world to the modern era. This course provides students with a topical understanding of the nation's social and economic history as well as a history of the nation's involvement in foreign affairs. Major topics/areas include the colonial period, the establishment of the constitutional government, the federalist era, the age of Jackson, the Civil War and Reconstruction, Gilded Age and progressivism, the Great Depression, World Wars, Civil Rights, and the Cold War.

AP United States History (1 Year)**Prerequisite: One accelerated or AP Social Science Course and Dept. Chair Recommendation**

This course is designed to provide a college-level experience and preparation for the Advanced Placement (AP) Examination in May 2015. An emphasis is placed on interpreting documents, mastering a significant body of factual information, and writing critical essays. The nation's history is broken into nine periods: 1491-1607 (Spanish colonization), 1607-1754 (English colonization), 1754-1800 (revolution and the new republic), 1800-1848 (the market revolution and reform), 1844-1877 (Manifest Destiny and Civil War), 1865-1898 (the development of industrial America and imperialism), 1898-1945 (the first half of the 20th Century), 1945-1980 (the Cold War era), and 1980 to the present.

U.S. Government (1 Semester)**Prerequisite: None**

U.S. Government provides students with an understanding of the structures and functions of the federal government. Students will explore the principles of government established by the Constitution and will examine the ways those principles are enacted by the legislative, executive, and judicial branches of government.

AP U.S. Government and Politics (1 Year)**Prerequisite: One accelerated or AP Social Science Course and Dept. Chair Recommendation**

Advanced Placement United States Government and Politics is the study of the political process, the study of the structure and functions of the federal government as well as the study of the groups which influence and affect the policy making process. As this is a college level course, students must be self-motivated, self-directed learners who are willing to complete substantial research, reading, and writing outside of the classroom environment. At the completion of this course, students will be prepared to take the Advanced Placement exam.

Economics (1 Semester)**Prerequisite: None**

This one semester of economics will provide students with an introduction to macro-economics. Topics will include the basic economic concepts, the measurement of economic performance of a nation, the financial sector, employment, inflation and the critical factors responsible for the U.S. and world economic growth or recession.

Psychology (1 Year)**Prerequisite: None**

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

AP Psychology (1 Year)**Prerequisite: Dept. Chair Recommendation**

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. At the completion of this course, students will be prepared to take the Advanced Placement exam.

AP Human Geography (1 Year)**Prerequisite: Dept. Chair Recommendation**

This course is an introductory college class in human geography, designed to provide students with a learning experience equivalent to that obtained in most first year college human geography classes. It introduces students to the systematic study of patterns and processes that have shaped human understanding and assesses the use and alteration of the Earth's surface. Students will be able to employ spatial concepts and landscape analysis to examine human-social organization and its environmental consequences. The units taught include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, and economic systems. Students are introduced to a range of geographic models, theories, and concepts.

Mathematics Department

Math 7 (1 Year)**Prerequisite: None**

This 7th grade on-level math course reinforces and builds upon mathematical skills taught in previous classes with additional advanced computation, including an emphasis on algebraic concepts. Students will study fractions, decimals, percentages, positive and negative integers, and rational numbers. Students will be introduced to algebraic symbolism, simplifying expressions, solutions to elementary equations, and the graphic representations associated with variables. They will become more proficient in using ratios, proportions, and solving algebraic equations. Students will develop and expand problem solving skills in order to solve word problems and to think creatively and analytically.

Accelerated Pre-Algebra (1 Year)**Prerequisite: Depart. Chair Recommendation**

This is the Accelerated course for advanced 7th grade students. In Pre-Algebra, students will learn the foundations of problem solving, algebra, and geometry. There will be an emphasis throughout the course on the development of the abstract reasoning skills needed for success in Algebra 1. Students will be introduced to the basic algebraic topics, including rational numbers, real numbers, functions, graphing, and polynomials. Students will also learn to use proportion and percent, apply proportional reasoning, explore number patterns, and begin studying statistics and data analysis. Students will be introduced to the basic geometric topics of investigating patterns, using area and volume. Students will also investigate discrete math and probability.

Pre-Algebra 8 (1 Year)**Prerequisite: Math 7**

In this 8th grade on-level Pre-Algebra course, students will learn the foundations of problem solving, algebra, and geometry. There will be an emphasis throughout the course on the development of the abstract reasoning skills needed for success in Algebra 1. Students will be introduced to the basic algebraic topics, including rational numbers, real numbers, functions, graphing, and polynomials. Students will also learn to use proportion and percent, apply proportional reasoning, explore number patterns, and begin studying statistics and data analysis. Students will be introduced to the basic geometric topics of investigating patterns, using area and volume. Students will also investigate discrete math and probability.

Algebra I (1 Year)**Prerequisite: Pre-Algebra 8**

This on-level 9th grade Algebra 1 course is a bridge from the concrete to the abstract study of mathematics. This course introduces basic algebraic skills in a logical order, including relations, functions, graphing, systems of equations, radicals, factoring polynomials, rational equations, probability and statistics, and quadratic functions. It emphasizes practical methods of solving first- and second-degree equations and inequalities. This course emphasizes the language, concepts, and techniques that will prepare students to approach and solve problems following a logical succession of steps. Skills taught in the course lay groundwork for upper level math and science courses and have practical uses in everyday life.

Accelerated Algebra I (1 Year)**Prerequisite: Acc. Pre-Algebra and Dept. Chair Recommendation**

This is the accelerated 8th grade math course; however, it counts as a high school course. The course incorporates the consistent use of real numbers and a problem solving approach. It emphasizes the principles of algebra, including algebraic symbolism, simplifying complex expressions, solutions to linear and quadratic equations, and graphic representations associated with variables. Students will apply algebraic representations to word problems and analyze the nature of changes in linear and non-linear relationships. Skills taught in the course serve as a bridge from the concrete to the abstract study of mathematics, lay groundwork for upper level math and science courses, and have practical uses in everyday life.

Geometry (1 Year)**Prerequisite: Algebra I**

Covered in this course are the concepts of right triangle trigonometry, vectors, solving triangles, two-dimensional and three-dimensional figures and their properties, logical reasoning and the development of formal proof using theorems and postulates, transformations, congruence,

symmetry, and linear functions. The instruction emphasizes visualizing and understanding Euclidean geometric properties and mathematical relationships, making and verifying conjectures, and applying geometric concepts to real-world situations. The student will make extensive connections between geometry and algebraic properties learned earlier.

Accelerated Geometry (1 Year)

Prerequisite: Acc. Algebra I and Dept. Chair Recommendation

This course covers all of the topics in the Geometry course in greater depth and at a more abstract level. In addition, students are given the opportunity to explore non-Euclidean geometries and an introduction to circular trigonometry. Greater attention is given to proofs as well as making and verifying conjectures and using algebraic techniques to develop geometric concepts.

Algebra II (1 Year)

Prerequisite: Geometry

This course emphasizes facility with algebraic expressions and forms, powers and roots, and functions. Functions (linear, quadratic, polynomial, radical, exponential, and logarithmic) are studied both for their abstract properties as well as their usefulness as tools for modeling realistic situations. These functions are analyzed in their algebraic (symbolic) forms and their graphical representations. This course also includes linear modeling, linearizing data, and introduction to sequences and series, and conic sections.

Accelerated Algebra II (1 Year)

Prerequisite: Acc. Geometry and Dept. Chair Recommendation

This course covers all of the topics in the Algebra II course in greater depth with room for additional topics as time allows. This course will cover quadratic, polynomial, radical, exponential, and logarithmic functions, nonlinear systems of equations, conic sections. This course also includes linear modeling, linearizing data, and introduction to sequences and series, conic sections, optimization and matrices. Students will be asked to combine and apply ideas, tools and reasoning from across their mathematical foundation to address a variety of questions.

Pre-Calculus & Trigonometry (1 Year)

Prerequisite: Algebra II

This course furthers the study of the algebra, properties and graphs of functions and their inverses. Trigonometric functions and their graphs and inverses, along with trigonometric identities and solving trigonometric equations form a large portion of the course. Additional topics covered include rational functions, vectors, parametric functions, polar functions, and probability. Continued application of the topics covered in Algebra II is prevalent throughout the course.

Calculus (1 Semester)

Prerequisite: Pre-Calculus & Trig or Acc. Algebra II & Trig

This semester-long course is a study of one dimensional calculus designed to introduce students to concepts within three broad fields: limits and continuity, differential calculus, and integral calculus. Emphasis is placed on understanding and applying the conceptual foundations of calculus. Students tackle complex applications of the mathematics while leveraging technology to complete the computations. Topics include limits and continuity, differentiation of functions, extrema and optimization, the fundamental theorem of calculus, Riemann sums, and volumes of

solids of revolutions and known cross sections. While not leading to college credit, this course will leave students well prepared to pursue calculus-based mathematics in college.

Statistics (1 Semester)

Prerequisite: Pre-Calculus & Trig or Acc. Algebra II & Trig

This semester-long course provides students the tools to work with data in meaningful ways. Topics include displaying and understanding data, linear and non-linear regression, gathering data and designing surveys and studies, and statistical inference. Technology is used regularly to assist in calculations and creating displays. This course will provide an excellent foundation in statistics applicable to any course of study in college involving the collection and analysis of data, including the physical sciences, biology, psychology, engineering, business, and political science.

AP Calculus AB (1 Year)

Prerequisite: Dept. Chair Recommendation and either Pre-Calculus & Trig or Acc. Algebra II & Trig

This course is a study of one dimensional calculus designed to prepare students for the AP Calculus AB exam. The course can be broadly broken into three major sections: limits and continuity, differential calculus, and integral calculus. Topics include limits and continuity, differentiation of functions, extrema, related rates, the fundamental theorem of calculus, Riemann sums, volumes of solids of revolutions and known cross sections, separable differential equations, and slope fields. Applications to physics and economics are also considered. This course uses analytical, graphical, and numerical approaches to calculus. Problem solving, logical reasoning, and critical thinking skills will be emphasized throughout the course.

AP Statistics (1 Year)

Prerequisite: Pre-Calculus and Dept. Chair Recommendation

This year-long study of statistical analysis is designed to prepare students for the AP Statistics exam. The course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course will provide an excellent foundation in statistics applicable to any course of study in college involving the collection and analysis of data, including the physical sciences, biology, psychology, engineering, business, and political science.

Science Department

Life Science 7 (1 Year)

Prerequisite: None

Life Science encompasses who we are, the substances of which we are made, how these components work together, and how living organisms interact with each other. The wonder of God's creation is all around us, and the better we understand it, the better we understand ourselves and our Creator. This course explores the basic characteristics, necessities, building blocks, and processes of life as well as the whole organisms with which we share this Earth. Topics include the scientific method, characteristics of living organisms, ecology, evolution, classification of organisms, ecosystems, and environmental issues.

Accelerated Life Science 7 (1 Year)**Prerequisite: Dept. Chair Recommendation**

The Accelerated course covers the same topics as Life Science 7 but goes further in depth, particular in the topics of genetics and DNA, and includes more challenging assignments.

Physical Science 8 (1 Year)**Prerequisite: None**

Physical Science is divided into two disciplines: physics and chemistry. This course explores the concepts of matter, atomic structure, chemical bonding and reactions, motion, forces, energy, electricity, magnetism, and waves.

Accelerated Physical Science 8 (1 Year)**Prerequisite: Dept. Chair Recommendation**

The Accelerated course covers the same topics as Physical Science 8 but goes further in depth and includes more challenging assignments. The Accelerated course also relies more heavily on mathematics and the application of equations to solve problems.

Biology with Lab (1 Year)**Prerequisite: None**

Biology is the science of life and life processes. The course begins with the chemistry of life, ecosystems and communities, cellular structure and function, and genetics. The second semester examines evolution, the six major kingdoms of living organisms, and human anatomy. Students have an opportunity to explore these concepts through writing and laboratory activities.

Accelerated Biology with Lab (1 Year)**Prerequisite: Dept. Chair Recommendation**

Accelerated Biology is intended for highly motivated students who wish to prepare for AP Biology. In addition to the course objectives covered in Biology, students independently design and implement inquiry-based investigations, read and report on current research and topics in biology, and demonstrate a greater conceptual and in-depth understanding of course material. This course includes additional units of study to prepare students for the AP Biology course.

Physical Science (1 Year)**Prerequisite: None**

Students spend the first semester of Physical Science studying physics and learn about motion, forces, optics, electricity and magnetism, thermodynamics, and waves. The second semester focuses on atomic structure, bonding, chemical nomenclature, and reactions. Students who complete this course will have met their Physical Science/Physics graduation requirement and will not need to take Physics.

Chemistry with Lab (1 Year)**Prerequisite: None**

Chemistry is the study of atoms and molecules and their interactions with each other. The first semester of Chemistry covers atomic structure, the Periodic Table, bonding, scientific measurements and calculations, chemical nomenclature, and reactions. In the second semester, students study chemical composition, stoichiometry, energy, gas laws, solutions, acids and bases, kinetics, equilibrium, electrochemistry, and nuclear reactions. A variety of laboratory experiments provide students with hands-on experience with these chemical principles.

Accelerated Chemistry with Lab (1 Year)**Prerequisite: Dept. Chair Recommendation**

The Accelerated course covers some additional topics (e.g., quantum numbers, resonance) and takes a more mathematical and in-depth approach. The Accelerated course prepares students for AP Chemistry.

Concepts of Physics (1 Year)**Prerequisite: None**

Physics is the study of natural phenomena occurring in the physical world. The Concepts of Physics course covers the fundamental principles covered in the regular Physics course but with a stronger emphasis on understanding basic concepts and less reliance on mathematical calculations.

Physics with Lab (1 Year)**Prerequisite: None**

Physics is the study of natural phenomena occurring in the physical world. Students learn about motion, forces, momentum, work, power, energy, waves, light, sound, electricity, and magnetism. An overview of modern physics is included. Physics is learned through observation, experimentation, critical thinking, and problem solving. Mathematics is the language of physics and is relied upon heavily throughout the course.

AP Physics 1 (1 Year)**Prerequisite: Dept. Chair Recommendation and either Accelerated Algebra II & Trig or Pre-Calculus**

AP Physics 1 is equivalent to a first-semester college course in algebra-based physics. The course concentrates heavily on Newtonian mechanics, including kinematics, translational and rotational dynamics, work, energy, power, and linear and angular momentum. In the second semester, students are introduced to mechanical waves, sound, and electrical circuits. After completion of AP Physics 1, students will be eligible to take calculus based AP Physics C.

Anatomy and Physiology (1 Semester)**Prerequisite: Biology**

This one-semester senior elective provides an introduction to anatomy and physiology. Students gain a basic understanding of the anatomy and physiology of the eleven major organ systems of the body. Throughout the course, students complete basic dissections of mammalian organs in order to understand the structures of these organs. This class does require significant memorization, so students should be prepared to spend time outside of class learning anatomical and physiological terms.

Ecology (1 Semester)**Prerequisite: Biology**

Ecology is the branch of biology that examines the interactions of organisms with each other and with their environment. This one-semester senior elective includes applications of evolutionary principles and participation in a citizen science wildlife research project. Students investigate topics within the realms of population and community ecology, behavioral ecology, biodiversity, and conservation biology.

Organic Chemistry (1 Year)**Prerequisite: Chemistry and Dept. Chair Recommendation**

This course introduces students to the field of organic chemistry. The importance of organic chemistry in the world today cannot be overstated. Students will learn that they are surrounded by organic molecules and reactions: foods, artificial flavors, perfumes, plastics, clothes,

pharmaceutical drugs, biological molecules and processes, etc. College students in chemistry, biology, pre-medical, or related programs often find Organic Chemistry to be one of the most difficult courses they take in college. The knowledge gained in this introductory course at HSP enables students to feel comfortable and confident in their college Organic course. This class is therefore recommended for students who are interested in pursuing these areas in college. Topics include organic structures and nomenclature, chirality, the major mechanisms (radical chain reactions, electrophilic addition, nucleophilic substitution, elimination, electrophilic aromatic substitution), spectroscopy (IR and NMR), functional group transformations, carbon-carbon bond formation, and using retrosynthetic analysis to design multi-step syntheses. Students will perform over a dozen laboratory experiments including basic identification, characterization, and purification techniques; polymerization reactions; and a multi-step synthesis that is completed over a period of several weeks.

AB Biology (1 Year)

Prerequisites: Accelerated Biology; Chemistry; Dept. Chair Recommendation

AP Biology is equivalent to a first-year college course in biology. The primary emphasis in this course is on developing an understanding of concepts and the examination of science as a process rather than memorizing terms and technical details. This course is structured around the four Big Ideas (Evolution, Energy Processes, Information, and Interactions) that are described in the AP Biology Course Description. The topics covered include biochemistry, cell structure and function, cellular energetics, genetics, molecular basis of inheritance, DNA technology, evolution, microbiology, plants, animals, and ecology. Of particular importance to this class and each topic that is covered is the role of the modern theory of evolution. This theory will serve as the unifying theme across the entire scope of this class, and at the end of each unit all material will be tied to this theory.

AP Chemistry (1 Year)

Prerequisite: Accelerated Chemistry and Dept. Chair Recommendation

AP Chemistry is equivalent to a first-year college course in chemistry. This class reinforces and builds upon topics covered in the prerequisite high school Chemistry course. The focus is on inquiry and reasoning skills with an emphasis on students' abilities to design experiments, collect and analyze data, draw appropriate conclusions, and report results. The course is designed around the six "Big Ideas" as laid out in the College Board's AP Chemistry Course Description, including an in-depth study of atomic structure, bonding, intermolecular forces, acid-base chemistry, chemical equilibrium, thermodynamics, kinetics, and oxidation-reduction reactions.

Theology Department

Theology 7: Introduction to Catholicism (1 Year)

Pre-requisite: None

This course introduces students to the basic truths of the Church, with an emphasis on the story of salvation history described in Sacred Scripture, the mission of Christ and his founding of the Church. The course will also present the practical aspects of living our Catholic Faith with a study of the virtues, sin, grace, and the Sacraments. Students should gain a thorough and sound foundation in the doctrines and practices of the Catholic Faith, being introduced to the

theological terms and ideas that will enable them to succeed as they proceed through the upper school curriculum.

Theology 8: Sacred Scripture (1 Year)

Pre-requisite: None

"Ignorance of Scripture is ignorance of Christ." In such words St. Jerome emphasized how crucial an understanding of the Word of God is for the faithful. Students will examine the Books of the Bible from Genesis to Revelation, which make up the greater story of Creation, God's saving plan for mankind, and how He prepares us properly to receive the salvific gift of his Son. While much of the text of the Bible is familiar, this course seeks to systematically study the parts of the Bible, place them in context, and introduce the student to the four senses of Scripture, along with an age-appropriate appreciation of exegesis. Above all, the course seeks to assist the student in entering into the text of Sacred Scripture and deepen their love and knowledge of Divine Revelation.

Theology 9: Creed & Church History (1 Year)

Pre-requisite: None

This course presents the principle beliefs of the Catholic Faith as outlined in the Apostles' and Nicene Creeds and discussed in the first part of the *Catechism of the Catholic Church*. The study of the Creed and Catholic belief will be made in the context of the history of the Church and the ecumenical councils. Beginning from the Gospel account of Christ's founding of the Church, to the Church in our present day, students will see the guidance of the Holy Spirit at work, the institutional continuity provided by Apostolic Succession, and the consistency of Catholic faith and morals. Students will study topics which include the events and doctrinal issues of the early Church, the medieval period, the Renaissance, the Reformation, the Enlightenment, and even the Modern era. Further, attention will be given to other, non-Catholic, religions as they relate to the Catholic Faith both historically and doctrinally. Students should complete the course with a clear sense of the basic doctrines of the Catholic Faith and of its history.

Theology 10: Sacraments & Prayer (1 Year)

Pre-requisite: None

This course is a study of those outward signs instituted by Christ to give grace: the seven Sacraments. Each of the Sacraments is discussed and studied, considering both their basis in Sacred Scripture and Sacred Tradition with their definition in the second part of the *Catechism of the Catholic Church*. In a special way, students will study the Sacrament of Confirmation in preparation for their reception of the Sacrament during this academic year. In addition, the liturgical life of the church will be studied, most especially in the Holy Mass. There will also be a particular study of the topic of vocation in the context of both Holy Orders and religious life, along with Holy Matrimony and the family. Finally, students will also spend time with a study of prayer (based on the fourth part of the *Catechism*), sacred art, sacred music, and the most notable sacramentals and devotions of the Catholic faith, especially the Holy Rosary. Students should complete the course with a thorough knowledge of the Sacraments, ceremonies, prayer life, and religious practices of the Catholic Faith.

Theology 11: Moral Theology (1 Year)

Pre-requisite: None

Moral Theology is a study of the morality of human actions. This class focuses on how to live one's life in such a way as to receive eternal salvation; it seeks to answer the question posed by the young man: "what must I do to inherit eternal life." The course begins by establishing the purpose and nature of morality. Once establishing the first principles of the moral life, the class

will proceed to study the Ten Commandments as discussed and presented in the third part of the *Catechism of the Catholic Church*. Students will discuss the implications of the moral life on the individual person and on society itself. Hence, this course will present the Church's social teaching and understanding of social justice. Finally, the course will emphasize the beauty of moral truth and virtue, and the connection between morality, love, and happiness. Students should complete this course with a thorough understanding of what a life with Christ demands and what a life of love looks like in practice.

Theology 12: Philosophy and Apologetics (1 Year)

Pre-requisite: None

This class has as its purpose introducing the student to intellectual life of the Catholic Faith. The year begins with a study of the basic principles and terms of philosophy as taught in the Catholic intellectual tradition, especially as presented in the realist Philosophy of St. Thomas Aquinas. With that intellectual foundation, students will study the art of engaging in Apologetics – a rational defense – of the Catholic Faith. Rational arguments for the existence of God, the spiritual soul, and the core Catholic doctrines on faith and morals will be studied and discussed. Likewise, time will be taken to address and understand challenges to the Faith posed by both the secular world and by other religions. The class will culminate with students composing a paper in the format of an article of the *Summa Theologiae* in which they defend some aspect of the Faith by articulating a thesis while both presenting and answering substantial objections to it. Students should complete this course with a strengthened ability to reason and confidence in explaining the truths of the Faith.

Classics Department

Latin I (1 Year)

Prerequisite: None

Using *Ecce Romani, Book I*, students will learn vocabulary, grammar, and culture by reading stories about a patrician Roman family of the first century of the Roman Empire. **Language:** Students will learn all how to conjugate indicative verbs and decline 1st-4th class nouns. They will write simple sentences and answer comprehension questions about paragraphs and stories. By the end of the year, students should be able to recognize over 250 vocabulary words & phrases. **Culture/History:** Students will be able to discuss ancient Roman attire, households, entertainment, practices such as slavery, and features of the city of Rome. **Mythology:** Students will be able to match the Greek Olympians with their Roman counterparts. They will be able to tell the foundational stories of Rome and of its early heroes. **Christianity:** Students will pray the Lord's Prayer, the Hail Mary, the Glory Be, and they will learn to sing several parts of the Mass.

Students wishing to reach AP Latin during their high school career should enroll in Latin I in 8th grade.

Latin II (1 Year)

Prerequisite: Latin I/JH Latin I A/B

Using *Ecce Romani, Books I and II*, students will learn vocabulary grammar and culture by reading stories about a patrician Roman family of the first century of the Roman Empire. This includes their travels around Europe and daily lives in rural and urban settings. **Language:** Students will learn how to parse 1-4th conjugation verbs and recognize tense and mood. They will write complex sentences and answer comprehension questions about stories and grammar. By the end of the year, the students should be able to recognize 400 vocabulary words as well as important phrases. **Culture/History:** Students will be able to discuss the political developments of Rome. They will be familiar with inherited Greek traditions as well as become familiar with

Roman expansion. They will recognize the names of key individuals and places in the Roman world. **Mythology:** Students will study the major Greek and Roman mythological stories as well as cover the heroic traditions and worship practices of the people of Rome. **Christianity:** Students will pray the Lord's Prayer, the Hail Mary, the Glory Be, and continue to study several parts of the Mass.

Latin III (1 Year)

Prerequisite: Latin II

Continuing in Ecce Romani, Book II, students will learn vocabulary, grammar, and culture by reading stories about a patrician Roman family of the first century of the Roman Empire. This includes their travels around Europe and daily lives in rural and urban settings. **Language:** Students will learn how to parse all nouns and verbs as well as recognize tense, mood, clauses, and the varying functions of different cases. They will write complex sentences and answer comprehension questions about stories and grammar. By the end of the year, the students should be able to recognize 600 vocabulary words as well as important phrases. They should be comfortable reading and recognizing participles and the passive voice. **Culture/History:** Students will have a working knowledge of the history of ancient Rome up to the reign of Hadrian. This will include important political and military events with an expanded focus on Rome's relationships to its neighbors in the Mediterranean. **Mythology:** Students will study the major Greek and Roman mythological stories as well as ceremonies of the ancient Romans. They will cover a wide range of Greek tales which influenced Roman beliefs and practices. **Christianity:** Students will pray the Lord's Prayer, the Hail Mary, the Glory Be, and continue to study several parts of the Mass.

Latin IV (1 Year)

Prerequisite: Latin III

Using Ecce Romani, Book III, students will engage important primary texts from Rome's Golden age, including works from Cicero, Caesar, Pliny, Plutarch and Eutropius. **Language:** Students will continue their studies of Latin grammar, especially with regard to subjunctive verbs, impersonal constructions, and gerunds, as they encounter them in the context of the authentic writings. They will continue to expand their Latin vocabulary and will create sophisticated translations of the texts they encounter. **Culture/History:** Students will study the transition from Republic to Empire in detail, paying special attention to the personalities that shaped that process. **Mythology:** Students will analyze the stories Romans enjoyed hearing with the goal of better understanding the people of ancient Rome. **Christianity:** Students will compare the culture and values of ancient Romans with those of the early Christians and will consider the ways Christianity made an impact on Roman life.

AP Latin (1 Year)

Prerequisite: Latin IV and Dept. Chair Recommendation

Students will read all selections of Vergil's Aeneid and Caesar's Gallic War in Latin as specified by the College Board's syllabus for AP Latin. Students will study and master the vocabulary, forms, syntax, translation skills, metrics, poetic figures, literary, social, political, and cultural knowledge necessary for careful understanding of AP Latin syllabus. Students will also read selections from Vergil's Aeneid and Caesar's Gallic War in English in order to put the Latin excerpts in a significant context in preparation for the free-response section of the exam. Collateral readings of literary critical, historical, social, and cultural perspectives on the core periods of the late Republic and the early Principate will be assigned regularly. Additionally, students will practice sight reading from Ovid, Catullus, Cicero, and Horace in preparation for the multiple-choice part

of the exam.

Greek I (1 Year)

Prerequisite: None

Using Athenaze, Book I, students will work through Chapters 1-7. They will be introduced to the ancient Greek language, as well as the culture and mythology of the classical age (5th century BC) of Athens. **Language:** Students will learn the present tense, active and middle voice, of regular, epsilon-contract, and alpha-contract verbs; first, second and third declension nouns; adjective-noun agreement; and the rules governing Greek accents. By the end of the year, students will have mastered a vocabulary of about 220 words in ancient Greek. **Culture:** They will learn about the daily life of a typical 5th century BC Athenian farm family. **Mythology:** They will learn about the rise of the Olympian gods and goddesses and will read selected stories about each of the major deities. They will also begin reading in Greek stories from Homer's *Odyssey*. **Christianity:** Students will memorize the Lord's Prayer in the original Greek and will begin to read easy passages from St. Luke's Gospel.

Greek II (1 Year)

Prerequisite: Greek I

Students will continue to work through Athenaze, Book I, Chapters 8-14. **Language:** Students will expand their mastery of all three noun declensions, alpha-contract verbs, middle voice and deponent verbs. They will learn present participles, relative clauses, and the future, imperfect and aorist tenses. **Culture/History:** They will learn about ancient Greek religion and religious festivals, especially the Festival of Dionysus in Athens. They will learn about the history of Athens and the geographical features of Athens. **Mythology:** They will read episodes from Homer's *Odyssey* and be introduced to the life and labors of Heracles. **Christianity:** Students will learn various liturgical prayers and will continue to read selections from St. Luke's Gospel.

Modern Languages Department

Junior High Spanish I (1 Year)

Prerequisite: None

This introductory course is designed for students with little to no Spanish language background. This course which will incorporate many components including use of the online textbook Supersite and grammar tutorials. Topics covered include conjugation of verbs in the present and present progressive tenses, greetings, numbers, ser v. estar, direct object pronouns, present tense, and cultural information about Cuba, Peru, Guatemala, and Chile, Spain, Ecuador, Mexico, and Puerto Rico. Students will also read various poems and song lyrics. Students will continue to JH SPN II after successful completion of this course.

Junior High Spanish II (1 Year)

Prerequisite: JH Spanish I

This course is a continuation course of JH SPN I. Students will complete the second half of the Descubre Level 1 textbook. Students will expand upon their vocabulary and grammar learned in the previous course. Such topics will include the present progressive, object pronouns, preterite tense, reflexive verbs as well as cultural information about Puerto Rico, Cuba, Peru, Guatemala, and Chile. Students will use the textbook website as well as other interactive activities to promote the target language.

Spanish I (1 Year)**Prerequisite: None**

This introductory course is designed for high school students with little to no Spanish language background. This course which will incorporate many components including use of the online textbook Supersite and grammar tutorials. Topics covered include conjugation of verbs in the present and present progressive tenses, greetings, numbers, ser v. estar, direct object pronouns, present tense, and cultural information about Cuba, Peru, Guatemala, and Chile, Spain, Ecuador, Mexico, and Puerto Rico. Students will also read various poems and song lyrics. Students will take the National Spanish Exam.

Spanish II (1 Year)**Prerequisite: Spanish I**

This course will review and expand upon vocabulary and grammar introduced in Spanish I through the use of the textbook supersite and online grammar tutorials. Topics covered include present and past tense, subjunctive mood, commands, present and past perfect, future and future perfect, conditional and conditional perfect tenses and cultural information about Costa Rica, Argentina, Panama, Colombia, Venezuela, Bolivia, Nicaragua. Students will read various poems and short literary selections, watch several foreign language clips, and take the National Spanish Exam.

Spanish III (1 Year)**Prerequisite: Spanish II**

This course will review and expand upon vocabulary and grammar introduced in Spanish II through the use of the textbook supersite and online grammar tutorials, monthly conversations with a language partner in a Spanish-speaking country. Topics covered include an overall review of tenses introduced in SPN II including, but not limited to, preterite and imperfect tenses, present and past tense subjunctive mood and perfect tenses. Students will also watch chapter themed short films, read multiple literary selections, study current event topics and take the National Spanish Exam.

AP Spanish (1 Year)**Prerequisite: Spanish III and Department Chair Recommendation**

This course will prepare students to take the AP Spanish Exam. Exam format, advanced grammatical structures, literature, and culture of various Spanish-speaking countries will be the focus of this course. Students will host debates, research and write current event articles, and complete various AP preparation exercises. Students will take the National Spanish Exam.

Visual Arts Department**Intro to Art (1 Semester)****Prerequisite: None**

This one semester course serves as an introduction to studio art and the elements of art. This course meets the basic arts requirement for graduation and is the foundation course to all Fine Art classes at HSP. Content is covered in small unit based projects and a variety of media and technique will be explored. Media will include: pencil, acrylic, watercolor, collage, charcoal, block printing and colored pencil. No previous art experience is required to take this course.

Studio Art I: Art Techniques Survey (1 Semester)

Prerequisite: Intro to Art

This one-semester course is for those who intend on continuing their studies in studio art. Elements discussed in the intro class will be explored further and intermediate drawing, printmaking and painting techniques will be taught. Emphasis will be placed on composition, drawing rules, and major art movements from history.

Studio Art II: Advanced Drawing and Painting (1 Year)

Prerequisite: Intro to Art or Dept. Chair Recommendation

In this yearlong course students explore more advanced techniques in oil painting, portraiture, figure drawing and a variety of wet and dry media. Emphasis is placed on mark making and mastery of skill in a multitude of traditional media. Students also study the progression of style and technique throughout the history of art with close attention to classical applications. This course is intended for students who want to take their art to the next level and prepare for future studio classes.

Studio Art III: 2D Design and Composition (1 Year)

Prerequisite: Studio II

This year long course is highly suggested for anyone wishing to take AP studio Art or prepare a portfolio for college admittance. The course focuses on the formation of concept and design. Projects are loosely structured and alternative processes are explored. Projects include: action painting, plaster carving, illustration and ink work. All assignments are assessed based on theme, concept and the ability to express ideas and social issues. The overarching goal of the course is for each student to develop their own artistic voice. Please note that the research portion of this class requires frequent gallery visits.

Studio Art IV: Advanced Portfolio Prep (1 Year)

Prerequisite: Studio II

This class is for the art lover with advanced skills, but who is not necessarily interested in pursuing the arts after high school. The course is a continuation of the concepts and techniques covered in both Studio II and III. Studio IV is a chance for students to develop an independent body of work without the constraints of the AP Studio Art requirements. Students will be expected to complete a series of 6 specific assignments in the first semester of this course and will spend the second semester working on a self-directed series of related pieces to be shown in an end of the year exhibition.

AP Studio Art (1 Year)

Prerequisite: Two years Visual Arts courses AND a Recommendation

This is a portfolio class that is entirely structured by the students. Each student is required to complete a minimum of 24 art pieces over 2 semesters. This class requires summer work and weekly studio hours outside of class. This is not a course for the "leisure" artist; it is strongly recommended for those students wishing to pursue art after high school and who have the drive and responsibility to work independently.

Introduction to Photography (1 Semester)

Prerequisite: None

This one semester course is an introduction to the medium of photography. The course will integrate photographic storytelling, documentary style photography, studio & outdoor portraiture, and the artistic side of photography. Students will learn to examine images critically

through weekly critiques, as well as, the historical significance of photography. Simple black and white darkroom procedures will be explored. **Students are REQUIRED to have a MANUAL CAMERA for the class.**

Photography II (1 Semester)

Prerequisite: Intro to Photography

This course builds on skills acquired in the Intro to Photography class and provides opportunities to apply more complex photographic processes, digital manipulation, and more student driven projects. By exploring photographic and digital media with the camera and computer, students will be able to develop a body of work that reflects a range of problem solving and ideation, and develop versatility with techniques to demonstrate their abilities.

Students are REQUIRED to have a MANUAL CAMERA for the class.

Graphic Design: Yearbook Production (1 Year)

Prerequisite: None

In this year long course, students will become well-versed in the following skill areas: Adobe InDesign and Adobe Photoshop, graphic design, photo selection, cropping and editing; layout and visual presentation, teamwork and communication, organization of large amounts of data, maintenance, and comprehension and planning of an intensive, year-long project – the HSP Yearbook. This class can be taken multiple times.

3D Studio Art (1 Semester)

Prerequisite: None

This one semester art course deals with art in its 3-Dimensional form. A variety of mediums will be explored (including paper, clay, textiles, wire, plaster) and the importance of craftsmanship will be emphasized. Students will explore a wide range of sculptural techniques using additive, subtractive, modeling, and casting processes to complete projects designed to build artistic and creative confidence. Projects are designed to teach critical thinking and problem solving skills and to include useful art experiences that will complement the student's overall education.

Ceramics I (1 Semester)

Prerequisite: 3D Studio Art

This one semester art course is an introduction to medium of clay, including methods for forming clay objects, pinching, coiling, and slab. Students will create as well as appreciate expressive, three dimensional clay forms, and understanding of other cultures and periods of human expression in clay. The relationship of pottery and ceramics in the history of mankind will be studied.

Ceramics II (1 Semester)

Prerequisite: Ceramics I

This course enhances skills learned in the level 1 ceramics course and provides additional opportunities for advanced techniques in hand building and wheel throwing. Projects are open-ended enough for students to develop their own styles and modes of expression and work is expected to be of high quality in thought, process, and product.

Performing Arts Department

Choral Music (1 Year)

Prerequisite: None

In this course, students will prepare choral music for liturgies and other special events on behalf of the Holy Spirit school community. The class will help students develop skills in part singing,

vocal technique, musical phrasing and interpretation, and breathing and posture. Repertoire will be drawn from the variety of musical styles appropriate to a liturgical setting. Students taking this course must attend weekly meetings during the lunch hour and monthly Sunday performances throughout the school year.

Junior High Performing Arts (1 Year or Semester)

Prerequisite: None

Junior High Performing Arts provides an introduction to the many facets and forms of the performing arts. Students will learn the theory and history behind the dramatic and musical forms, and will put this theory into practice through performances of their own. Topics will include various techniques and approaches to acting, directing, stagecraft, and an introduction to music theory. Performance is universal, and it can take on a vast number of forms. We will be exploring what is common to all of these forms, what makes each unique, and how each person may contribute a verse to the powerful play.

Other

Junior High PE (1 Year or Semester)

Prerequisite: None

This course is an introduction to fitness. Students will focus on human movement and body weight strength. Students will also learn weight-room fundamentals.

Strength & Conditioning (1 Semester or 1 Year) – 9th – 12th Grade

Prerequisite: None

This course is for any individual from beginner to advanced, interested improving in fitness, strength, speed, and agility. Students will focus weight room safety, exercise integration, program planning, and performance development. Athletes will have modified programs for in-season and off-season training. This course may be taken multiple times for credit.