



HOLY SPIRIT
PREPARATORY SCHOOL

Registration Guide

2022-2023

For Class of 2023

TABLE OF CONTENTS

COURSES AT A GLANCE	3
GRADUATION REQUIREMENTS	4
COLLEGE PREP DIPLOMA.....	4
CLASSICAL DIPLOMA.....	5
ACADEMIC POLICIES	6
GRADING SCALE.....	6
COURSE GRADES.....	6
ADVANCED PLACEMENT COURSES.....	7
COURSE CATALOG	8
HUMANITIES.....	8
<i>English</i>	8
<i>Social Science</i>	9
<i>Theology</i>	11
<i>Humanities Electives</i>	12
STEM	13
<i>Mathematics</i>	13
<i>Science</i>	15
<i>Computer Science</i>	16
<i>Other STEM Electives</i>	16
FOREIGN LANGUGE.....	17
FINE ARTS	19
<i>Visual Arts</i>	19
<i>Performing Arts</i>	21
<i>Literary Arts</i>	22
PHYSICAL EDUCATION	22
GRADUATION DISTINCTIONS	21
"PATHS" AND "BRANCHES".....	21
<i>Humanities Path</i>	22
<i>Computer Science Path</i>	23
<i>Fine Arts + Humanities Path</i>	24
<i>Fine Arts + Computer Science Path</i>	25

COURSES AT A GLANCE FOR THE CLASS OF 2023

9

10

11

12

ENGLISH

Literature of the Western World*

American Literature*

Advanced Composition
OR AP Language

British Literature **OR** AP Literature

MATHEMATICS

Algebra I

Geometry

Algebra II

Statistical Reasoning **OR** Pre-Calculus

Geometry*

Algebra II*

Pre-Calculus*

Pre-Calculus* **OR** AP Calculus **OR** AP Statistics

SCIENCE

Biology*

Physical Science

Chemistry

Anatomy & Physiology

Chemistry*

Physics

AP Biology, AP Physics
AP Chemistry

SOCIAL STUDIES

World History*

Western Civilization*

U.S. History **OR** AP U.S. History

Economics+**AND** U.S. Gov't+ **OR** AP U.S. Government

THEOLOGY

Sacred Scripture

Creed and Church History

Moral Theology

Philosophy and Apologetics

FOREIGN LANGUAGE

Latin I or II

Latin I, II or III or Spanish II or III

Latin I, II, III, IV or AP AP Spanish OR Elective

Latin I, II, III, IV or AP AP Spanish OR Elective

FINE ARTS

Elective

Elective

Elective

Fine Arts required if not taken 2020-2021

OTHER

Elective

Elective

Introduction to Computer Science

Elective

Refer to the Course Catalog for grade restrictions and prerequisites.

ELECTIVES

English OR Literary Art
Short Stories & Film and Lit.

Social Sciences
AP Human Geography

Physical Education
Team Sports
Strength & Conditioning

Science
AP Biology
AP Chemistry
AP Physics C
Anatomy Physiology

Computer Science
Intro to Computer Science
AP Computer Science
Principles
AP Computer Science A

Visual Arts
Studio Art - Intro, I - IV
AP Art & Design
3D Studio Art/Ceramics
Photography - Intro, II
Production: Yearbook

Performing Arts
Symphonic Band Orchestra
Chorus (Holy Spirit Singers)
Broadcasting
Music History
Intro to Music Theory
Instrumental Ensemble

Humanities
The Great Arguments:
Intro to Philosophy
Ethics & Bioethics
Politics & Social Teaching

Euclid & Astronomy
Rhetoric

An asterisk (*) indicates that an Honors class is offered for this course.
A plus sign (+) indicates that the course is a semester-long course.

GRADUATION REQUIREMENTS

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, and a 4th year math (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 (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 in Foreign Language – must include two consecutive years of the same foreign language taught in high school. If the student chooses a foreign language other than Latin or Greek for his/her two consecutive year requirement, one additional high school credits in Latin or Greek are also required. A high school Latin credit may be earned in 8th grade. Although the credit will be included on the high school transcript, it will not count towards the requirement for two consecutive credits during high school.
- 2 semesters of Fine Arts.
- 2 semesters of Physical Education. Full participation in two sports programs while in High School fulfill this requirement. Managing a sport will not meet the requirement for physical education.
- 1 additional credit in any discipline.

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 BC 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. 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 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 in Fine Arts.
- 2 semesters in Physical Education. Full participation in two sports programs while in high school will fulfill this requirement. Managing a sport will not meet the requirement for receiving credit for physical education.
- 2 additional credits in any discipline.

ACADEMIC POLICIES

GRADING SCALE

The grading scale used in the Holy Spirit Prep High School is outlined below:

NUMERIC	LETTER	QUALITY POINTS	NUMERIC	LETTER	QUALITY POINTS
97 – 100	A+	(4.2)	80 – 83	B-	(3.0)
94 – 96	A	(4.1)	77 – 79	C+	(2.75)
90 – 93	A-	(4.0)	74 – 76	C	(2.5)
87 – 89	B+	(3.75)	70 – 73	C-	(2.0)
84 – 86	B	(3.5)	0 – 69	F	(0.0)

COURSE GRADES

Semester exams are given for every academic course in core subjects at the end of the semester. The semester exam counts for 20% of the semester grade.

Course grades are calculated using the following formulas:

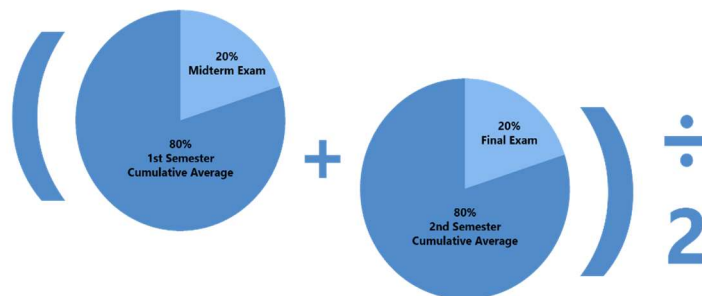
Year-Long Courses

The grade for each semester is averaged to produce the final grade.

Semester 1: 80% Cumulative Average + 20% Mid-Term Assessment

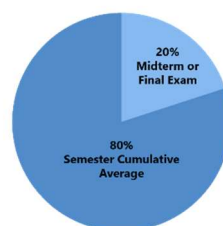
Semester 2: 80% Cumulative Average + 20% Final Assessment

Course Grade: (Semester 1 Average + Semester 2 Average) / 2



Semester Courses

80% Cumulative Average + 20% Final Assessment



Advanced Placement Courses

Students who earn a grade in an AP course taken at HSP will have additional weight added to their cumulative GPA. HSP will calculate the grade earned at a factor of 1.25 for all AP courses (instead of 1.00 for all other year-long courses). There are no internal enhancements made to the earned grade in the AP class and no other courses at HSP will receive this weight when the cumulative GPA is calculated.

Please be advised, many colleges/universities and scholarship programs (such as HOPE and Zell Miller Scholarship), will re-calculate a student's GPA based on the specific weighting for that school or program

The Advanced Placement (AP) program is administered by the College Board and offers students the opportunity to earn college credits via examination. Students are recommended for enrollment in these courses based upon their prior course performance, standardized test scores, and teacher recommendations. Students enrolled in an AP course are required to take the corresponding AP Exam in May. There is a fee associated with every AP exam and the family bears the

Responsibility for covering these fees. If a student fails to sit for an AP Exam in May, the student will receive a zero for a final exam grade (worth 20% of the semester average).

COURSE CATALOG

HUMANITIES

English Core Courses

Classical and Medieval Literature (1 Year)

Prerequisite: None

This course focuses upon great literature from the classical to medieval world. Students are guided to recognize universal themes, symbolic patterns, and social values within ancient, classical, and medieval literature, especially that of the West, as well as its historical context and influence. The course integrates the study of literature and the practice of writing composition, 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.

Honors Classical and Medieval Literature (1 Year)

Prerequisite: Department Chair Rec

This course focuses upon great literature from the classical to medieval world. Students are guided to recognize universal themes, symbolic patterns, and social values within ancient, classical, and medieval literature, especially that of the West, as well as its historical context and influence. The course integrates the study of literature and the practice of writing composition, 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. Students in the Honors course will engage in a deeper analysis of texts as well as more challenging written assignments. Vocabulary instruction is integrated within the context of each thematic unit.

Modern Literature (1 Year)

Prerequisite: None

This course focuses upon great literature of the modern era, from the Renaissance to the 20th century. Students are guided to recognize universal themes, symbolic patterns, and social values within early modern and modern literature, especially that of the West, as well as its historical context and influence. The course integrates the study of literature and the practice of writing composition, 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.

Honors Modern Literature (1 Year)

Prerequisite: Department Chair Rec

Honors Modern Literature focuses upon great works of literature from modern era, from the Renaissance to the 20th century. Students are guided to recognize universal themes, symbolic patterns, and social values within early modern and modern literature, especially that of the West, as well as its historical context and influence. Students will formulate in-depth analyses and criticism of literary works, examining extended themes and the use of style and voice of great 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 written work examining the history of Modern Literature.

American Literature and Composition (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 writing composition, both in and out of class, with advanced 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 written work examining the history of American Literature.

AP English Language and Composition (1 Year)

Prerequisite: Department Chair Rec

The AP English Language and Composition course is designed to help students become skilled readers of prose written in the context of the American experience 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 not only seeks to prepare students for the AP English Language Exam but gives them a thorough and academically challenging survey of American Literature from the colonial era to the 20th century.

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 Rec**

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of great English 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.

History & Social Science Core Courses

Classical and Medieval History (1 Year)**Prerequisite: None**

This course begins our high school history survey with a study of history from the beginnings of human development to the Byzantine Empire and the Western Christendom period. Students will learn about the ancient civilizations of the Near East, the classical era of Greece and Rome, the founding and growth of Christianity, the rise of Islam, the struggles of the Carolingians and the Dark Ages, the achievements of Christendom during the high medieval period and features of Byzantine government, religion, economy, society and the arrival of Ottoman conquest. The course introduces students to these historical eras, providing them the tools to read critically, analyze primary and secondary sources, research and write on historical case studies, and develop critical thinking and problem-solving skills about the lessons learned from human history.

Honors Classical and Medieval History (1 Year)**Prerequisite: Department Chair Rec**

This course begins our high school history survey with a study of history from the beginnings of human development to the Byzantine Empire and the Western Christendom period. Students will learn about the ancient civilizations of the Near East, the classical era of Greece and Rome, the founding and growth of Christianity, the rise of Islam, the struggles of the Carolingians and the Dark Ages, the achievements of Christendom during the high medieval period and features of Byzantine government, religion, economy, society and the arrival of Ottoman conquest. The course introduces students to these historical eras, providing them the tools to read critically, analyze primary and secondary sources, research and write on historical case studies, and develop critical thinking and problem-solving skills about the lessons learned from human history.

Students in the honors track will study at a more accelerated pace, employ chronological writing when interpreting data, and analyze patterns of historical duration or continuity. In reading critically, students will develop the comprehension skills to identify central questions in historical writing for purpose, perspective, or point of view constructed.

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

This course is designed to give to the High School student a firm and well-balanced understanding of history from the fall of Constantinople in 1453 to the tragic events of September 11, 2001. The study, then, is of the early modern through the contemporary era. Major topics include a study of the Renaissance, Age of Discovery, rise of Protestantism, Catholic Reformation, the Wars of Religion, the Enlightenment, the Scientific Revolution, the French Revolution, the Napoleonic Wars, the Age of Metternich, the Industrial Revolution, Imperialism, Nationalism, Communism, the World Wars, and the Cold War. In studying these eras and topics, students will continue to hone their analysis of primary documents, their historical research and writing, and their ability to think critically about the past and how we can "stand on the shoulders of giants" in imitating the heroes and avoid the mistakes of the villains.

Honors Modern History (1 Year)**Prerequisite: Department Chair Rec**

This course is designed to give to the High School student a firm and well-balanced understanding of history from the fall of Constantinople in 1453 to the tragic events of September 11, 2001. The study, then, is of the early modern through the contemporary era. Major topics include a study of the Renaissance, Age of Discovery, rise of Protestantism, Catholic Reformation, the Wars of Religion, the Enlightenment, the Scientific Revolution, the French Revolution, the Napoleonic Wars, the Age of Metternich, the Industrial Revolution, Imperialism, Nationalism, Communism, the World Wars, and the Cold War. As an honors course, students should expect not only to grapple with the facts and details of these historical eras but to learn and use the tools of the historian to read and analyze primary sources, to research and write on historical topics, and think critically about the lessons to be learned from human history. This honors course will allow students to go deeper, read and write more, and demonstrate excellence in their historical studies.

U.S. 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 political, social, and economic history as well as a history of the nation's involvement in foreign affairs, especially in the larger context of the Americas. Major topics include the colonial period, the American Revolution, 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. Students will have the opportunity to continue their study and mastery of primary source analysis, research, writing, and critical discussion of our history. Particular moments will also be taken to address the local history of Georgia.

AP U.S. History (1 Year)**Prerequisite: 1 Honors Course
and Department Chair Rec**

This course is designed to provide a college-level experience and preparation for the Advanced Placement (AP) Examination. An emphasis is placed on interpreting documents, mastering a significant body of historical information, and writing critical essays. The nation's history is broken into nine periods: Native & Spanish America (1491-1607), colonization of North America (1607-1754), Revolution & Independence (1754-1800), Early Republic (1800-1848), Sectionalism & Civil War (1848-1877), Reconstruction & the Gilded Age (1865-1898), Progressivism & World Wars (1890-1945), Cold War (1945-1980), Contemporary America (1980-Present). Students will have the opportunity to continue their study and mastery of primary source analysis, research, writing, and critical discussion of our history. Particular moments will also be taken to address the local history of Georgia.

U.S. Government (1st 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. Students should complete the course with a thorough understanding of how their government works and how they are governed.

AP U.S. Government and Politics (1 Year)**Prerequisite: 1 Honors or AP Social Studies Course
and Department Chair Rec**

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. The course begins with the context and background of our American political system, continues with a close analysis of the United States Constitution & Bill of Rights, and concludes with a study of the politics and political life of the United States. At the completion of this course, students will be prepared to take the Advanced Placement exam.

Economics (2nd Semester)**Prerequisite: None**

This one semester of economics will provide students with an introduction to macroeconomics. Topics will include the basic economic concepts, the measurement of the nation's economic performance measurement, the financial sector, employment, inflation, the critical factors responsible for the U.S. and world economic growth or recession. Students should understand how the economy works and how to be the most efficient stewards of scarce resources.

Theology Department Core Courses

Sacred Scripture (1 Year)

Prerequisite: None

Divine Revelation is comprised of two uniquely intertwined parts: Sacred Tradition and Sacred Scripture. This course will be a detailed examination of the latter in the hopes of furthering the students' knowledge of the Bible. St. Jerome wrote in the prologue of his commentary on Isaiah: "...ignorance of Scripture is ignorance of Christ"; this statement impresses upon us the importance of understanding God's Word in order to deepen our knowledge of our Savior. On account of this, we will explore critical moments in Salvation History to show God's plan of redemption for humanity, focusing particularly on proper modes of interpretation (literal & spiritual sense) and the interconnected, unitive nature of the two Testaments (Covenants). This will include examining the socio-political contexts in which these books were composed, authorship, dating, canon, and how these texts have been understood through the centuries. Ultimately, the purpose of this survey is to foster in the students an awareness of the major themes & structure of the Bible, an appreciation for Scripture's fundamental place in the Faith & liturgy, and the skills necessary for proper exegesis—interpretation—of the Divine Word.

Creed, Sacraments, and Church History (1 Year)

Prerequisite: None

This course presents the fundamental beliefs and practices of the Catholic Faith along with the history of the Catholic Church. The study of the Creed and Catholic belief focuses on the core teachings of the Nicene Creed and the Sacraments, as discussed in the first two parts of the Catechism of the Catholic Church. In studying the history of the Church, 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 should complete the course with a clear sense of Catholic Church's doctrines, practices, history, and why the Church is still just as necessary to the modern world 2,000 years after its establishment.

Moral Theology and the Human Person (1 Year)

Prerequisite: 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 the discussion of what is good for man by establishing what it means to be a human person and how that relates to identity, family, community, and the moral life. 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, the family, and on society itself. 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 truly human life of love looks like in practice.

Philosophy and Apologetics (1 Year)

Prerequisite: None

This class has as its purpose introducing the student to intellectual life and rational explanation of the Catholic Faith. The year begins with a preliminary study of logic and 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 and its principle doctrines. This course will, in particular, study and engage with the ideas of the secular world and the fundamental beliefs of the major world 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 Catholic Faith.

Humanities Electives

Philosophy (Path to Mastery)

The Great Arguments: Intro to Philosophy (1 Year)

Prerequisite: None

This course is an introduction to the key questions and themes of Western philosophy, the “great arguments” that are the basis of our intellectual tradition. This seminar course begins in the fall semester with a discussion of the questions and wisdom of Plato’s dialogues and continues in the spring with the contributions of St. Augustine and St. Thomas Aquinas, while finishing with a consideration of some of the great questions and challenges of later philosophy, from the nominalism of Ockham to the rationalism of Descartes. Through all of the discussion and study of these various thinkers, students should complete the course with a habit of asking good questions, seeking clear definitions, and confident that the truth is knowable and worth pursuing.

Ethics and Bioethics (1 Year)

Prerequisite: None

This course has as its purpose a deeper study of the morality of human actions than is possible in the core Moral Theology course. The fall semester of the course will be a seminar using Aristotle’s Ethics as a guide to the subject in general; topics include virtue, friendship, and happiness. In the spring, students will study that branch of moral theology and ethics as they pertain to questions of medicine and biology. Many of the most difficult moral questions that we face relate to the difficult questions of life, of reproduction, and of death. The goal of this class is to ground students in a morally sound and consistent understanding of the human person and the moral demands of the sanctity of life. Difficult and controversial situations will be studied, discussed, and understood in light of Catholic moral teaching. Students should complete the course understanding not only what the Catholic Church teaches on questions of Bioethics, but why she does so, and how to apply sound moral reasoning to their own decisions. This class is intended for juniors and seniors.

Politics and the Social Teachings (1 Year)

Prerequisite: None

This course is a philosophical inquiry and discussion that explores the nature of human society and the common good. The fall semester takes a philosophical look at the question of man as a political animal, reading through and discussing in seminar Aristotle’s Politics. The spring semester turns to a study of the Church’s social and political teaching, noting especially the social encyclicals of Pope Leo XIII, Pius XI, and John Paul II. Students should complete the course with a thorough understanding of the Church’s Social Teaching and a thoughtful sense of the issues and questions associated with the common good and society. This class is intended for seniors.

Liberal Arts (Branch Electives)

Euclid & Astronomy (1 Year) - *Coming 2023-2024*

Prerequisite: None

This course is a year long study of the liberal arts of Geometry and Astronomy. In the fall, the course uses the text of Euclid’s Elements as the textbook and primary text, working through the definitions and propositions that are the foundation of geometry. In the spring, students will study astronomic models of the universe from those of the ancients to the Copernican Revolution in addition to learning the basics of observational Astronomy. Throughout, students are formed in the art of clear, sequential thinking, careful articulation, and a deeper understanding of not only the basic principles of geometry and astronomy, but how they were derived. This course is not strictly a course in modern geometry or astronomy, but, as a liberal art, a blend of these topics with philosophy.

Rhetoric (1 Year) - *Coming 2023-2024*

Prerequisite: None

This course begins with a study of the liberal art of Rhetoric, the art of persuasion, using the text of Aristotle’s Rhetoric as the textbook and primary text. Students are formed in the art of clear and convincing argumentation and delivery. The course will, in imitation of Aristotle, consider the elements of a good argument, the importance of considering the audience, and the keys to effective delivery. Students will also examine great examples of excellent rhetoric, as the easiest means of learning is through imitation. This course is an exercise in both the theoretical study of the art and the practical exercise of it, giving the senior a firm foundation in public speaking and debate. In the spring, the course ends with the senior completing a final paper, project, and presentation as the culmination of their studies at Holy Spirit Prep.

Other Humanities Electives

Short Stories (1st of 2 Semesters)

English .5 Credit (Student may elect this as a Fine Arts .5 Credit)

Prerequisite: None

This course focuses on content, themes, literary techniques and creative artistry related to the short story. Working in a small group setting, students will analyze works by various authors and, while developing creative writing skills, create their own short stories throughout the semester. Students will also study film adaptation techniques as they relate to short stories. Additionally, students will identify connections between literature and their own lives and ideas. This elective is open to juniors and seniors.

Film and Literature (2nd of 2 Semesters)

English .5 Credit (Student may elect this as a Fine Arts .5 Credit)

Prerequisite: None

This course centers upon in-depth reading and lively discussions in a small group, allowing students to see the connections between literature and the world in which they live. The Film and Literature course focuses on the connections between great literary works and excellent film adaptation, as well as timeless themes that challenge and inspire reading and moviegoers. This elective is open to juniors and seniors.

AP Human Geography (1 Year)

Social Studies Credit

Prerequisite: Department Chair Rec

The introductory college class in human geography provides students with a learning experience equivalent to most first-year college courses in the human sciences. 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 the human, social organization and its environmental consequences. The units taught include geography and its perspectives, population, migration, culture, language, religion, ethnicity, political geography, development, industry, and agriculture. Students explore various geographic models, theories, and concepts to understand their applications to problems and solutions.

STEM (Science, Technology, Engineering, and Math)

Mathematics Core Courses

Algebra I (1 Year)

Prerequisite: Pre-Algebra

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, and rational equations. 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.

Geometry (1 Year)

Prerequisite: Algebra I

Geometry is the branch of mathematics that investigates two and three dimensional figures and their properties. Given the classical nature of our school, and our commitment to the holistic education of the student, this course will have a particular focus on logical reasoning and the development of formal proofs using theorems and postulates. The instruction emphasizes visualizing and understanding Euclidean geometric properties and mathematical relationships, making and verifying conjectures, and applying geometric concepts to real-world situations.

**Prerequisite: Honors Algebra I and
Department Chair Rec**

Honors Geometry (1 Year)

Honors Geometry is for students who are advanced in mathematics and will explore topics in greater depth and at a more abstract level. 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 year-long 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, introduction to sequences and series, and conic sections.

Honors Algebra II (1 Year)**Prerequisite: Honors Geometry and Department Chair Rec**

Honors Algebra II is for students who are advanced in mathematics and will explore topics in greater depth and at a more abstract level.

Statistical Reasoning (1 Year)**Prerequisite: Algebra II**

Statistical Reasoning is a fourth mathematics course option for students who have completed Algebra I, Geometry, and Algebra II. The course provides experiences in statistics beyond the standard sequence of high school math courses, offering students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question.

Prerequisite: Algebra II**Pre-Calculus (1 Year)**

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. Honors Pre-calculus is for students who are a year ahead in mathematics and will explore topics in greater depth to prepare students for AP Calculus.

Prerequisite: Honors Alg II and Department Chair Rec**Honors Pre-Calculus (1 Year)**

Honors Pre-calculus is for students who are advanced in mathematics and will explore topics in greater depth to prepare students for AP Calculus.

AP Calculus AB and BC (1 Year)**Prerequisite: Honors Pre-Calculus and Department Chair Rec**

AP Calculus AB and AP Calculus BC focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. AP Calculus AB is the equivalent of one semester of college calculus. AP Calculus BC is the equivalent of two semesters of college calculus.

Prerequisite: Honors Pre-Calculus and Department Chair Rec**AP Statistics (1 Year)**

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.

Prerequisite: AP Calculus BC and Department Chair Rec**Multi-variable Calculus (1 Year)**

Multivariable Calculus is a fourth-year mathematics course option for students who have completed AP Calculus BC. It includes three-dimensional coordinate geometry; matrices and determinants; eigenvalues and eigenvectors of matrices; limits and continuity of functions with two independent variables; partial differentiation; multiple integration; the gradient; the divergence; the curl; Theorems of Green, Stokes, and Gauss; line integrals; integrals independent of path; and linear first-order differential equations.

Science Core Courses

Biology with Lab (1 Year)

Prerequisite: None

Biology introduces the principles and concepts related to living organisms. Here we will learn how the beauty and truth of the catholic faith relates to the natural world. The course will cover basic biology chemistry, cell structure and function, metabolism and energy transformation, genetics, evolution, classification, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. Laboratory exercises are used to reinforce lecture topics and include microscope techniques.

Honors Biology with Lab (1 Year)

Prerequisite: Department Chair Rec

Honors Biology is an accelerated course, and as such will include more challenging or deeper content throughout the course.

Physical Science (1 Year)

Prerequisite: None

Physical Science encompasses everything we see (and do not see) in the universe. Physical Science is divided into two disciplines: physics and chemistry. This course will explore the concepts of matter, energy, motion, forces, and reactions.

Chemistry with Lab (1 Year)

Prerequisite: None

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

Honors Chemistry with Lab (1 Year)

Prerequisite: Department Chair Rec

Honors Chemistry is an accelerated course, and as such will include more challenging or deeper content throughout the course.

Physics with Lab (1 Year)

Prerequisite: None

Physics is all around us; students know more about physics than they may realize! It is the study of nature and its principles are used in fields that range from engineering to medicine, so basic comprehension and applicability are essential. We will explore the fundamental laws of mechanics, electricity, and optics, through measurement, experimentation, critical thinking, and problem solving.

Anatomy and Physiology (1 Year)

Prerequisite: None

This full-year 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.

AP Biology (1 Year)

Prerequisite: None

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: Honors Chemistry and
Department Chair Rec**

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP Physics C: Mechanics (1 Year)

**Prerequisite: Physics, Calculus (or enrolled 22-23)
and Department Chair Rec**

Physics explores the interrelationship between energy and matter. It is a science that seeks to explain the natural phenomena surrounding every aspect of our lives. Physics is the study of the physical world and is learned through measurement, experimentation, critical thinking, and problem solving. Mathematics is therefore the language of Physics! The thinking skills students develop in this class will be applicable to all aspects of their education and life, and in essence, are more important than the Physics itself! AP Physics C is more intensive and analytic than Physics. This course uses calculus and completion of or concurrent enrollment in a calculus course is needed. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus, as well as continuing to develop a deep understanding of physics concepts. AP Physics C is intended to be equivalent to an introductory course taken by physical science and engineering majors that covers Mechanics, including kinematics, forces and Newton's laws, work and energy, momentum, rotation, oscillations, and gravitation. This course is a strong foundation for further study in the physical sciences and engineering as well as a proving ground for critical thinking and problem solving.

Computer Science Electives

Computer Science (Path to Mastery)

Introduction to Computer Science & Logic (1 Year)

Prerequisite: None

The twin temptations of the modern world are (1) to embrace technology so much that we are eventually dominated and controlled by it, or (2) to shirk technology so much that we miss its opportunities or otherwise handicap ourselves. In order to walk the middle road of virtue -- the *via media* -- we must understand technology and its capabilities so as to reap its benefits while avoiding its pitfalls. The goal of this course is to equip students with fundamental knowledge of the broad field of Computer Science as well as wisdom to engage with its real-world implications. The course will survey topics such as computer hardware, computer software, computer networks, computer intelligence (AI), computer literacy, and computer programming. The course will prepare students for future Computer Science courses and help them to integrate technology into their future homes and careers.

In the second semester, this course provides a basic introduction to the study of logic. This class is designed to give students the tools to both make and analyze arguments so that they can identify what is both logically valid and true. This particular study is an important foundation, as it provides the essentials necessary for clear and accurate reasoning.

AP Computer Science A (1 Year)

Prerequisite: Intro to Computer Science

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Advanced Programming (1 Year) - *Coming 2023-2024*

Prerequisite: AP Computer Science A

Have you learned some programming through other Computer Science courses or through independent study and want to go further? In this course you will work with the instructor to build a curriculum for yourself to expand your knowledge and skills of programming. Do you want to learn a new language? Do you want to build smartphone apps or web apps? Do you want to explore web development, learn data analytics, try to master machine learning, or make your own game? All of these and many more are possibilities within the advanced programming class. This course will begin with a detailed proposal and planning process, it will require checkpoint presentations and reflections throughout, and it will culminate in some form of final project and/or presentation.

Artificial Intelligence (1 Year) - *Coming 2023-2024***Prerequisite: None**

For many decades, artificial intelligence has been a favorite topic of science fiction fans and writers alike. More than ever before, artificial intelligence is a real part of the academic study of computer science and the daily work of computer science industry professionals. But is artificial intelligence in real life the same as artificial intelligence in the movies, novels, and comics we may be familiar with? What do we mean when we say artificial intelligence? And what are its implications for our daily life and future decisions? After building both technological and philosophical knowledge base, we will explore these questions through class discussions and guest lectures. Students will be asked to reflect on questions and compose arguments in writing as well as in other multimedia formats.

*Computer Science (Branch Electives)***AP Computer Science Principles (1 Year)****Prerequisite: Intro to Computer Science**

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. It is important to note that the AP Computer Science Principles course does not have a designated programming language. Teachers have the flexibility to choose a programming language(s) that is most appropriate for their students to use in the classroom.

Morality & Tech (1 Year) - *Coming 2023-2024***Prerequisite: None**

The technology of our modern world presents many old moral challenges in new forms. Hidden behind many conveniences and advancements there are often unseen dangers and pitfalls. In this course, students will explore the historical-technological developments that have led to so many fascinating innovations and then grapple with the philosophical and ethical questions which arise from them. This course will include guest lectures from Holy Spirit Prep faculty in other departments, faculty from Georgia Tech and other universities, as well as industry professionals to provide first-hand perspective on many of the issues discussed. Students will be asked to reflect on questions and compose arguments in writing as well as in other multimedia formats. The goal of the course is to bring the Catholic worldview into the technological space and technological knowledge into the Catholic world.

Other STEM Electives**Anatomy and Physiology (1 Year)****Prerequisite: None****Science Credit**

This course 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.

AP Biology (1 Year)**Prerequisite: None****Science Credit**

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: Honors Chemistry and Department Chair Rec****Science Credit**

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.

FOREIGN LANGUAGE

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 how to conjugate indicative verbs in all 6 tenses and decline 1st-3rd declension 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 and 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.

Latin II (1 Year)

Prerequisite: Latin I

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, 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.

Spanish II (1 Year)

Prerequisite: Spanish I

This course will review and expand upon vocabulary and grammar introduced in Spanish I. Topics covered include the preterite and imperfect, the 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 discuss topics related to technology, nature, health, work, and current events. The homework for this course is completed online. As a part of the course, students 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. Topics covered include the preterite and imperfect tenses, present and past subjunctive, and perfect tenses. Students will discuss topics like media, environment, science and technology, and family. They will also watch chapter themed short films, read literary selections, study current events, and take the National Spanish Exam. The homework for this course is completed online.

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

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

FINE ARTS

Visual Arts

Introduction to Studio Art (1st of 2 semesters)**Prerequisite: None**

This one semester course serves as an introduction to studio art and the elements of art. This course is the foundation course to all Visual 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**(2nd of 2 semesters)****Prerequisite: Intro to Art**

This one semester course serves as an introduction to studio art and the elements of art. This course is the foundation course to all Visual 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 II: Advanced Drawing**(1st of 2 semesters)****Prerequisite: Intro to Art or
Department Chair Rec**

In this semester long course students explore more advanced techniques in a variety of drawing media: pencil, charcoal, pastel, Illustration Marker. Emphasis is placed on mark making and mastery of skill in a multitude of traditional media with a focus on portraiture and anatomy. 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. This class easily couples with Advanced Painting.

Studio Art II: Advanced Painting**(2nd of 2 semesters)****Prerequisite: Intro to Art or
Department Chair Rec**

In this semester long course students explore a full range of painting approaches with projects in acrylic, oils, watercolor and spray-paint. Emphasis is placed on technical approaches to the media and focus on the progression of wet media throughout history. This course is intended for students who want to take their art to the next level and prepare for future studio classes. This class easily couples with Advanced Drawing.

Studio Art III: 2D Design and Composition (1 Year)**Prerequisite: Studio Art 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: Portfolio Prep (1 Year)**Prerequisite: Studio Art II**

This year long course is intended to serve the senior art student not enrolled in AP Art. The course focuses on the formation of a focused series of art. Students will work towards creating a singular body of work based on individual interests and with heavy focus on peer critique. This course does require students to purchase materials based on their selected media.

AP Art and Design (1 Year)**Prerequisite: Studio Art II and Teacher Rec**

The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundations courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams.

Intro to Photography (1st of 2 semesters)**Prerequisite: None**

This one-semester course is an introduction to the medium of photography (Film & Digital). Students will be introduced to black and white photography and darkroom processing. Students will explore cyanotypes, construct their own pinhole camera and create a photographic portfolio as they learn the technical and artistic aspects 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, as well as digital darkroom editing software. This elective will equip students to utilize a film camera, a digital camera, and a computer for art production. Students will design and produce photographs using a digital camera and Adobe Bridge, Photoshop, and Lightroom. Students are REQUIRED to have a MANUAL DIGITAL CAMERA (DSLR) which allows for the selection of aperture, shutter speed, and ISO.

Photography and Digital Imaging II (2nd of 2 semesters)**Prerequisite: Intro to Photography**

This course builds on skills acquired in the Introduction to Photography and Digital Imaging 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 (DSLR) which allows for the selection of aperture, shutter speed, and ISO.

3D Studio Art (1st of 2 semesters)**Prerequisite: None**

This one semester art course deals with art in its three 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 (2nd of 2 semesters)**Prerequisite: 3D Studio Art**

This course is an introduction to the 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 an 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. The second half of the course involves introduction to the pottery wheel. 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.

Production: Yearbook (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 elective class can be taken multiple times .

Performing Arts

Symphonic Band (1 Year)

Prerequisite: None

This course provides instruction in the fundamentals of wind performance. Emphasis is placed on tone quality, intonation, phrasing, breathing, technique, reading, listening, and goal setting. This class is designed for the student with a minimum of 1 year experience in band (by audition). We will focus on both standard wind band literature and new repertoire. There will be elements of music theory and music history as we study how music related to society at the time in which it was written. Students will also have the opportunity to participate in chamber ensembles and to audition and perform in Honor Bands. Instrumentation includes: flute, oboe, clarinet, bass clarinet, bassoon, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, euphonium, tuba, and concert percussion. Students will perform in concert in both the fall and spring semesters and may require rehearsals outside of the school day. Our performance a national music festival is required and is included in the band fee. In addition to the class period, we will continue into cougar period two days a week.

Orchestra (1 Year)

**Prerequisite: 1 Year of Performing Art
OR Dept. Chair Rec**

Orchestra is a performing ensemble for students with at least one year of experience playing.

Instrumentation includes: violin, viola, cello, double bass, and piano. Students will perform in concerts in both the fall and spring semesters and may require rehearsals outside of the school day.

We will focus on both standard string orchestra literature and new repertoire. There will be elements of music theory and music history as we study how music related to society at the time in which it was written. Students will develop in the areas of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills. Students will also learn to compose and perform original pieces.

Students will also have the opportunity to participate in chamber ensembles and to audition and perform in Honor Orchestra. This class can be taken multiple times.

Chorus (Holy Spirit Singers) (1 Year)

Prerequisite: None

Students will learn to sing and perform a variety of music from Musical Theatre to sacred choral music. Students in this class sing for weekly mass, HSPs Gala, confirmation, and graduation as well as for several concerts throughout the year. Students in the class will also have the opportunity to perform in the Upper School musicals and play.

In this vocal performance class, students will apply vocal technique to perform pieces ranging from musical theatre, Gregorian chant, Sacred polyphony and others. Students will develop skills in audition prep, music theory, sight reading, vocal technique, performance technique in order to hone their skills for college and beyond! Vocal performance is interdisciplinary; students apply history, math, writing, art and others to improve their performances and understanding of the pieces. This class can be taken multiple times.

Instrumental Ensemble (1 Year)

**Prerequisite: 1 Year of Performing Art OR
Dept. Chair Rec**

As a supplement to the Symphonic Band, the Chamber Ensemble class will focus on musical repertoire in a chamber group setting. These small groups can consist of almost any combination of instruments, however, the most popular ensembles are the woodwind quintet, brass quintet, string quartet, or consorts of instruments. Students will work with the instructor to find instrumentation and repertoire appropriate for the group. Students perform on the HSP chamber recital and are expected to perform at the Georgia Music Educators Solo & Ensemble Festival.

Music Appreciation (1st of 2 Semesters)

**Prerequisite: 1 Year of Performing Art OR
Dept. Chair Rec**

This course begins with an introduction to ancient music and continues through the periods of the Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century and Modern Day. The course addresses the musical characteristics, instruments and theory of each period as well as the cultural and historical contexts including philosophy, religion, politics, art, architecture, and daily life. Connections are made to music from other cultures as well as contemporary musical styles.

Intro to Music Theory (2nd of 2 Semesters)

Prerequisite: Music Appreciation

This course begins with an introduction to ancient music and continues through the periods of the Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century and Modern Day. The course addresses the musical characteristics, instruments and theory of each period as well as the cultural and historical contexts including philosophy, religion, politics, art, architecture, and daily life. Connections are made to music from other cultures as well as contemporary musical styles.

AP Music Theory - *Coming 2023-2024*

Prerequisite: None

The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight-singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized. Prospective students should be able to read and write musical notation and have basic performance skills with voice or an instrument. Students will sit for the AP Music Theory exam at the conclusion of the course.

Broadcasting (1 Year)

Prerequisite: None

This course will help you become creative in front and behind the camera. Broadcasting is a way to express your creativity, while having freedom to write scripts, review sports and school events, interview people and discover how to create positivity within the school community. We will learn and produce videos throughout the year and plan to create biweekly news videos for the school community to view. This will be an enjoyable class for all students in 10th through 12th grades with different goals. We will work as a team to produce positive entertainment and school news. Any student in the class can fulfill any role and will have opportunities to take on different roles as the year progresses to expand experience.

Literary Arts

Short Stories (1st of 2 Semesters)

Arts .5 Credit (Student may elect this as a .5 English elective Credit)

Prerequisite: None

This course focuses on content, themes, literary techniques and creative artistry related to the short story. Working in a small group setting, students will analyze works by various authors and, while developing creative writing skills, create their own short stories throughout the semester. Students will also study film adaptation techniques as they relate to short stories. Additionally, students will identify connections between literature and their own lives and ideas. This elective is open to juniors and seniors.

Film and Literature (2nd of 2 Semesters)

Fine Arts .5 Credit (Student may elect this as a .5 English elective Credit)

Prerequisite: None

This course centers upon in-depth reading and lively discussions in a small group, allowing students to see the connections between literature and the world in which they live. The Film and Literature course focuses on the connections between great literary works and excellent film adaptation, as well as timeless themes that challenge and inspire readers and moviegoers. This elective is open to juniors and seniors.

Physical Education

Strength and Conditioning (1 of 2 Semesters)

Prerequisite: None

This course is for any student from beginner to advanced, interested in improving their fitness, strength, speed, and agility. Students will focus on 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 a .5 credit.

Team Sports (1 of 2 Semesters)

Prerequisite: None

Team Sports is all about understanding how to work in a team while playing some of the sports that we love. Students get put into teams through the semester and play a season of different sports / games to compete against the other team. At the end of every "season" the group will be placed into new teams and play through another "season". The class is about communicating and strategizing through sports to find ways to succeed. This course may be taken multiple times for a .5 credit.

Going Forward at HSP **“Path” and “Branch” Graduation Distinctions**

In a regular eight-block schedule, students have the opportunity to take 2 elective courses per year. To capitalize on individual student strengths, the new elective courses have been designed to allow for a deeper dive into four possible areas of study: Humanities, Fine Arts, Computer Science, or Latin.

Though the Class of 2023 will not be able to pursue a full path or branch prior to graduation, many of these new elective offerings are still available to them in this upcoming school year. All students are encouraged to explore them!

For more details on the future state of Paths and Branches of study, feel free to continue reading.

Starting in their 10th grade year, every student will have the opportunity to select a three-course “Path to Mastery” and a two-course “Branch of Study”. If one of the paths chosen is Fine Arts, the student may choose to take two paths concurrently.

The “Paths to Mastery” intend to go deeper into a particular subject area, while the “Branches” remain higher level and may be paired with any path. Each “Path” includes a senior project, which will be completed in the final semester.

The following pairings of paths and branches will be possible, going forward:

- **Path** in Humanities + *Branch* in Humanities
- **Path** in Humanities + *Branch* in Fine Arts
- **Path** in Humanities + *Branch* in Computer Science
- **Path** in Humanities + *Branch* in Latin
- **Path** in Computer Science + *Branch* in Humanities
- **Path** in Computer Science + *Branch* in Fine Arts
- **Path** in Computer Science + *Branch* in Computer Science
- **Path** in Computer Science + *Branch* in Latin
- **Path** in Fine Arts + **Path** in Humanities
- **Path** in Fine Arts + **Path** in Computer Science
- **Path** in Fine Arts + **Branch** in Latin

The following pages present a visual representation of the different Path + Branch combinations.



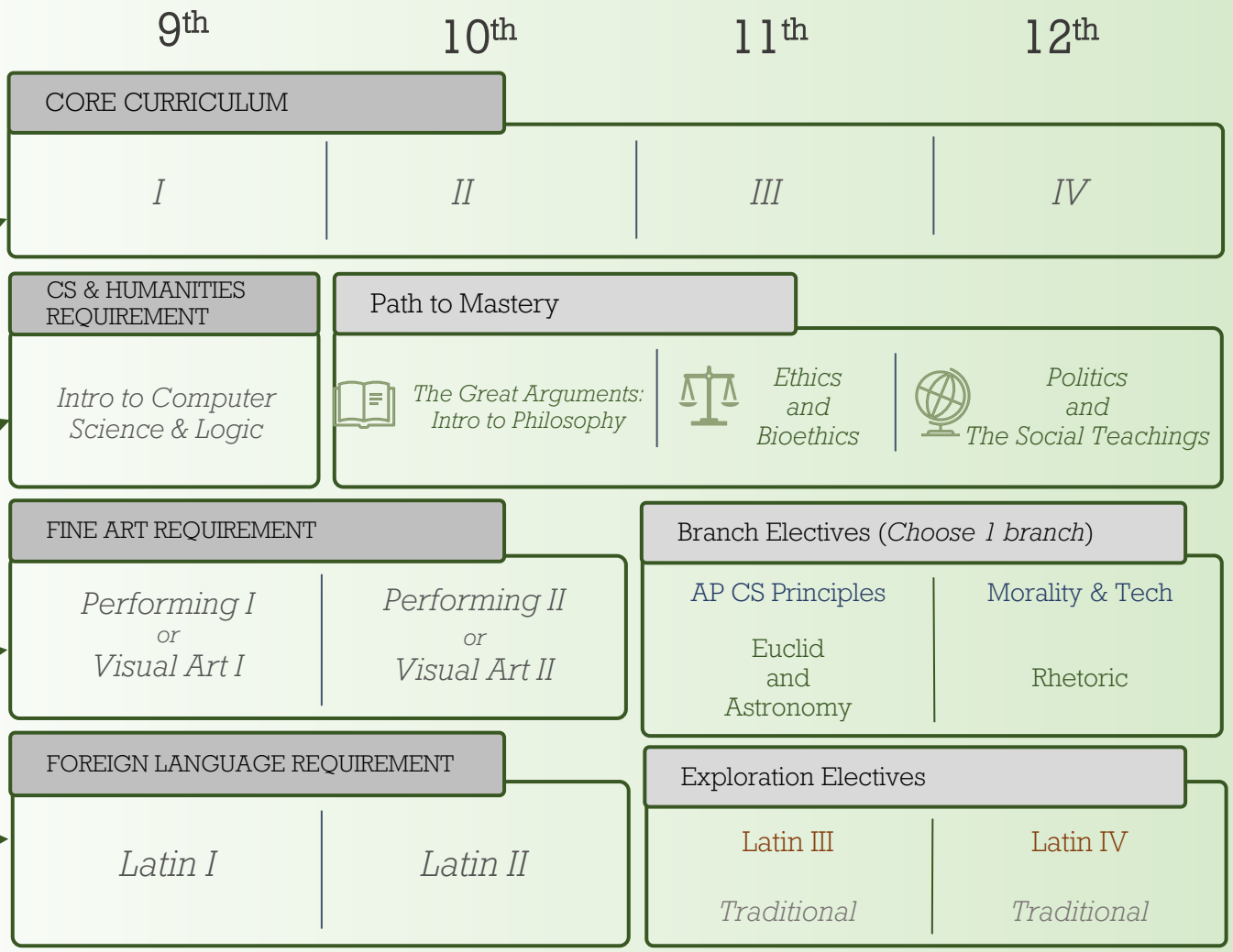
Humanities Path

“Almost all of philosophy is directed towards the knowledge of God”



Same foundation for all students in the first year

- CORE CURRICULUM**
English, Math & Theology, History Science,
- STEM & Humanities Requirement**
- Fine Arts Requirement**
- Foreign Language Requirement**



Cross-discipline Foundation

Path | Humanities

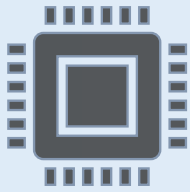
Branch | Computer Science

Branch | Liberal Arts

Branch | Latin

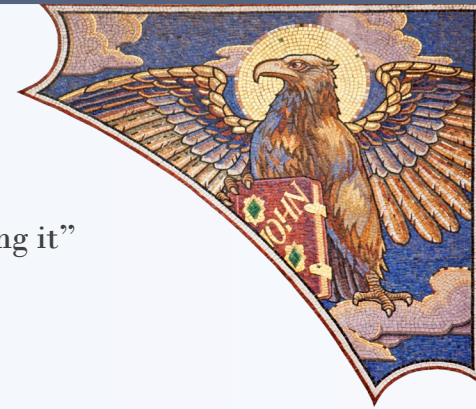
Branch | Traditional Electives





Computer Science Path

“Wisdom involves deep knowledge of a valuable end to be attained together with a suitable and pleasing plan for attaining it”



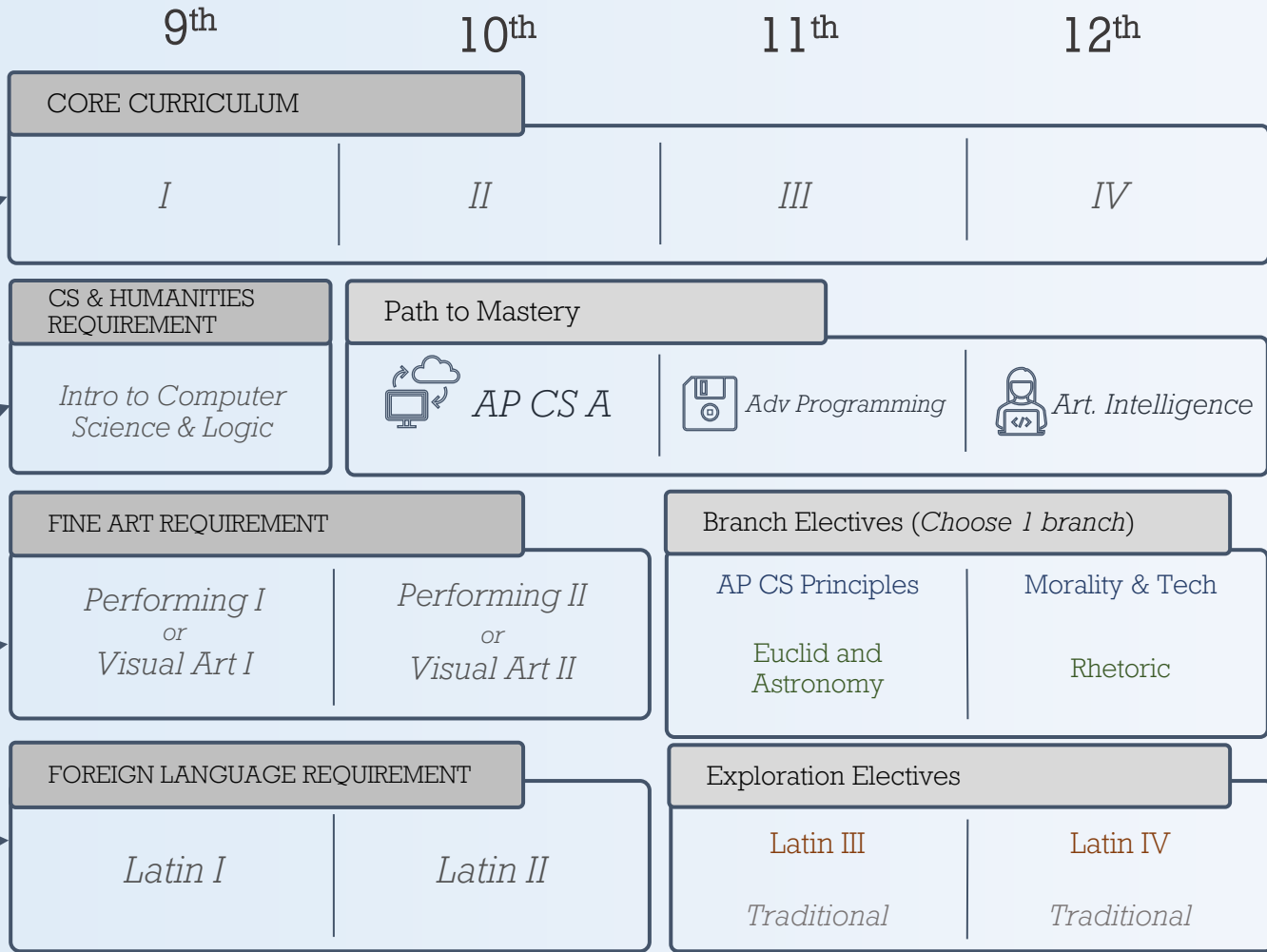
Same foundation for all students in the first year

CORE CURRICULUM
English, Math, & Theology, History Science,

STEM & Humanities Requirement

Fine Arts Requirement

Foreign Language Requirement



Cross-discipline Foundation

Path | Computer Science

Branch | Computer Science

Branch | Liberal Arts

Branch | Latin

Branch | Traditional Electives



Fine Arts Path + Humanities Path



“The test of the artist does not lie in the will, with which he goes to work, but the excellence of the work he produces”

Same foundation for all students in the first year

CORE CURRICULUM

English, Math & Theology, History Science,

Fine Arts Requirement

STEM & Humanities Requirement

Foreign Language Requirement

9th

10th

11th

12th

CORE CURRICULUM

I

II

III

IV

Cross-discipline Foundation

FINE ART REQUIREMENT

Performing I
or
Visual Art I

Performing II
or
Visual Art II

Path to Mastery

Performing
or
Visual Art III

Performing
or
Visual Art IV

Path | Fine Arts

CS & HUMANITIES REQUIREMENT

Intro to Computer Science & Logic

Path to Mastery



The Great Arguments: Intro to Philosophy



Ethics and Bioethics



Politics and The Social Teaching

Path | Humanities

FOREIGN LANGUAGE REQUIREMENT

Latin I

Latin II

Branch of Exploration (Elective Courses)

Latin III

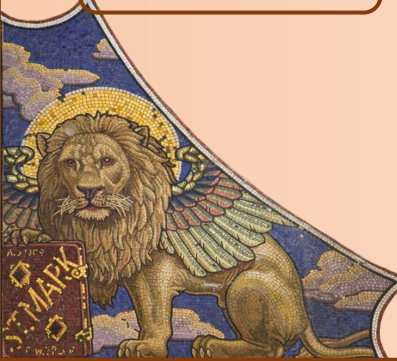
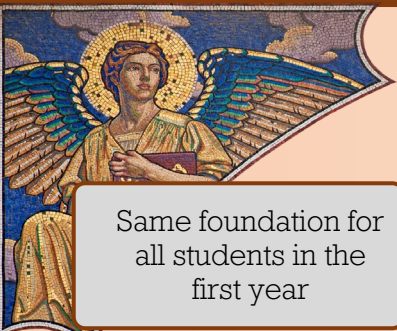
Latin IV

Traditional

Traditional

Branch | Latin

Branch | Traditional Electives



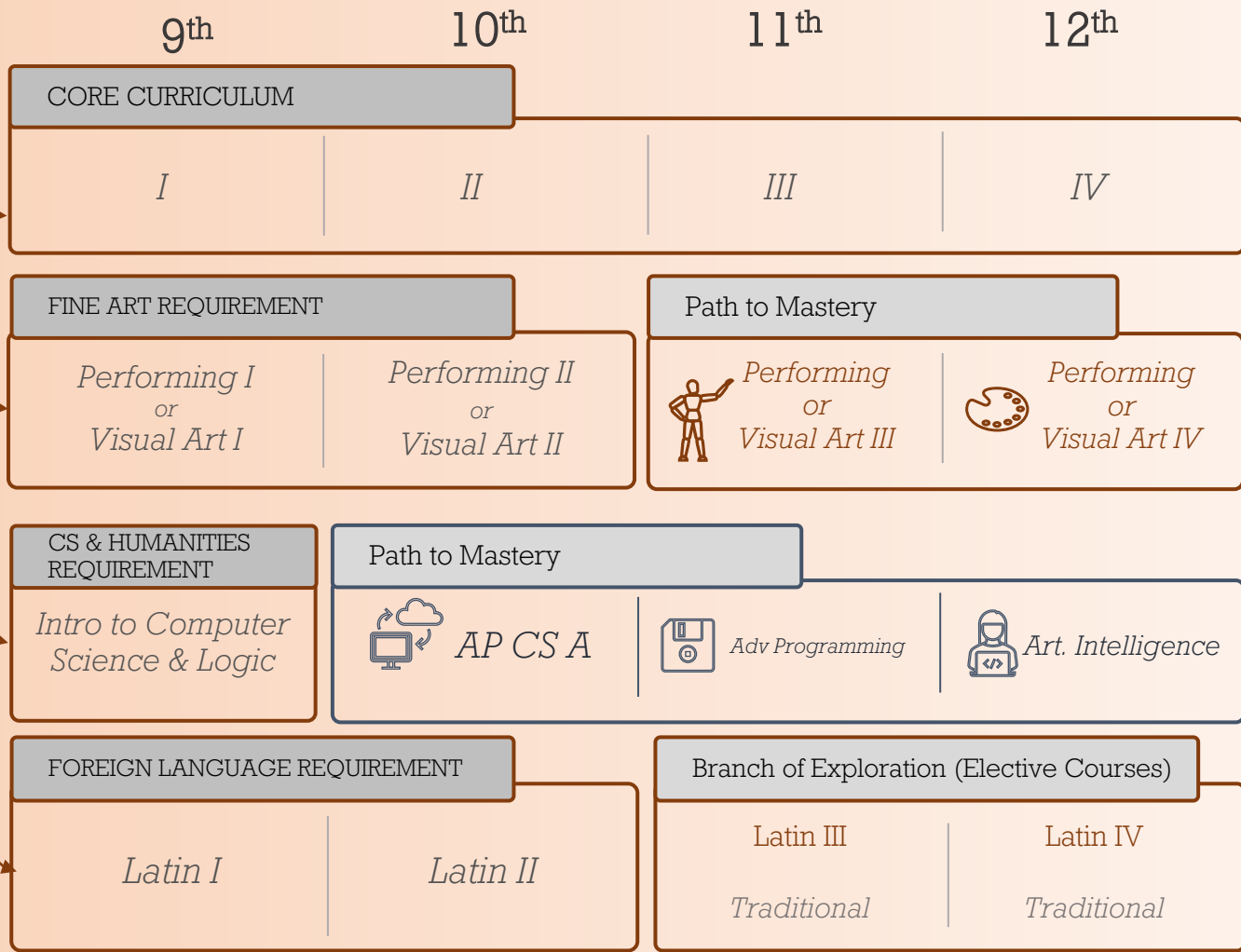
Fine Arts Path + CS Path

“Art is simply the right method of doing things”



Same foundation for all students in the first year

- CORE CURRICULUM**
English, Math & Theology, History Science,
- Fine Arts Requirement**
- STEM & Humanities Requirement**
- Foreign Language Requirement**



Cross-discipline Foundation

Path | Fine Arts

Path | Computer Science

Branch | Latin

Branch | Traditional Electives

