Welcome
This catalog contains all of the information you will need to get started on the registration process for the 2020-2021 school year. In particular, we are excited to highlight new courses in English, history and math for next year, as well as a new graduation requirement starting for the Class of 2024 - Sage Center Designated Courses. These courses will focus on student skill development, reflective and curated assessment strategies, and offering global perspectives to the world’s most pressing challenges - inspiring our students to be leaders and agents for change.

During the course selection process, I encourage families to consider Sage Hill’s core value of Balance as they choose their courses. Striking a balance of coursework with co-curricular activities will empower them to make their course placement decisions.

Sage Hill School’s course placement process is closely aligned with the School’s mission and values.

- **Recommended Preparation** indicates our professional guidance for the prior courses that will best prepare students for success in a given course.
- **Grade in Prior Course:** In the majority of departments, a specific grade in a prior course is not required for entry into an accelerated or AP course.
- **Feedback:** Students and families will receive frequent and specific feedback from teachers throughout the first three quarters of the school year that will empower them to make their course placement decisions.

- **Placement Tests:** Placement tests are used for advanced math and performing arts courses.

AP and Accelerated Courses
Parents and students must understand that AP courses are taught at college level. Homework expectations and pace will be significantly higher than non-AP or Accelerated courses.

Sage Hill AP courses prepare students for the Advanced Placement examinations nationally administered each spring. All students enrolled in an AP class are required to take the accompanying AP exam.

New Courses For 2020-2021
We are pleased to offer the following new courses:

- **English Department**
  - Music and Memory: Poetry and Personal Memoir
  
  Please see course description, page 3.

- **History Department**
  - Ethics and Political Philosophy
  
  Please see course description, page 5.

- **Mathematics Department**
  - Calculus C
  
  Please see course description, page 8.

Sage Connected courses are hybrid online classes that offer unique and engaging learning opportunities in a collaborative environment with the flexibility to learn in blocks of time that work best for each individual student. Students partner with their teachers and peers through customized online interactions, frequent in-person meetings, and individualized instructor feedback.

**Sage Connected at a glance:**
- Open to juniors and seniors only;
- May be taken as a sixth or seventh course;
- At least three class meetings each week during a zero period (7:35-7:55 AM) in addition to online coursework;
- A student may only take one Sage Connected course in an academic year.

Sage Connected courses are hybrid online classes that offer unique and engaging learning opportunities in a collaborative environment with the flexibility to learn in blocks of time that work best for each individual student. Students partner with their teachers and peers through customized online interactions, frequent in-person meetings, and individualized instructor feedback.

**New Courses For 2020-2021**
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- **History Department**
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- **Mathematics Department**
  - Calculus C
  
  Please see course description, page 8.
ENGLISH CURRICULUM OVERVIEW

The Sage Hill English curriculum emphasizes the crucial value of spoken and written communication as it relates to ensuring global awareness. In a seminar environment, each grade level focuses on one essential question that helps students to discover who they are becoming as readers, writers, and human beings, and empowers them to be change agents in their own lives. Students in the freshman and sophomore years explore who they are as readers, writers, and as members of a global community. Juniors examine their relationship to the American experience, and seniors reflect on the authors whose works have impacted their understanding of the human condition.

At all grade levels, students examine a diverse body of literature that represents a broad range of historical and cultural perspectives. In the process, students are challenged both to question and embrace their beliefs and to compassionately respect the viewpoints of others. Student writing—both critical and creative—emerges from coursework and student interests, and each year culminates in a department-wide portfolio project, in which students reflect on and synthesize their work from the throughout the year in connection to that year’s essential question.

ENGLISH COURSE ROADMAP

ENGLISH I

ENGLISH II

ENGLISH III

ACCELERATED ENGLISH III

ACADEMIC PROGRAMS

ENGLISH IV electives or AP English Literature and Composition

1150 Storytellers’ Workshop

11450 Brave New Worlds: Utopian and Dystopian Futures

1110 English I: Intro to Literary Genres

11350 Accelerated English III: American Literature

11300 English III: American Literature

11450 Brave New Worlds: Utopian and Dystopian Futures

11470 Adventure Literature

11480 Music and Memory: Poetry and Personal Memoir

11500 AP English Literature and Composition(*)

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

(*) All students enrolled in an AP class are required to take the accompanying AP exam.

ENGLISH CURRICULUM OVERVIEW

9th English I

10th English II

11th English III or Accelerated English III

12th English IV electives or AP English Literature and Composition

GRADUATION REQUIREMENT

4 years

COURSE OFFERINGS

• 1110 English I: Intro to Literary Genres

• 1120 English II: World Literature

• 1130 English III: American Literature

• 11350 Accelerated English III: American Literature

• 11450 Brave New Worlds: Utopian and Dystopian Futures

• 11470 Adventure Literature

• 11480 Music and Memory: Poetry and Personal Memoir

• 11500 AP English Literature and Composition(*)

Recommended Preparation: Recommendation of the English Department and an A- writing average in English II.

Brave New Worlds: 11450

Utopian and Dystopian Futures

Imaginative writing about our world, we live in was previously destroyed by disease or war or natural disaster, and a new world had to be created. Would it be a utopian paradise, with no poverty, disease or war? Or would it disintegrate into dystopian, totalitarian regimes that stripped us of our rights until we were prisoners in our own country? In this course, we will investigate the concept of the future by examining a wide range of literary and cinematic works in the science-fiction/speculative-fiction realm of utopian and dystopian societies. We will discuss how speculations of the future have evolved over time, and address how classic works, such as the ones we read, speak to contemporary concerns of the relationship between nature and culture, gender and sexual identities, individual and community, and the impact of scientific and technological advances on our imagining of the future.

Adventuure Literature 11470

What is it that drives some of us to give up the comfort of our safe, warm beds for the danger of the rare and often unforgiving wilderness? Why do humans seemingly and inevitably try to push the boundaries of human achievement? What motivates people to do what has never been done before or to seek experiences, challenges and adventures that risk their lives and, possibly, their very livelihoods? In this course we will immerse ourselves in a range of literary fiction and nonfiction, journal writings, memoirs, poetry and films and by about some of the most intrepid outdoor adventurers ever to have stepped foot into the great outdoors. By engaging with a variety of voices, from narratives about early polar and ocean explorers, to contemporary adventure sagas, and students’ writing of their own outdoor adventures (large or small), we will seek to understand what makes the wilderness “wild.”

Music and Memory: Poetry and Personal Memoir

ACCELERATED ENGLISH III

American Literature

This course is designed for students who have performed at a high level in English II and wish to deepen their critical thinking, reading and writing skills. The course moves at a significantly faster pace than English III American Literature. In addition to the English III curriculum, students read additional texts and complete additional assignments that require students to develop cogent, coherent arguments, write with richness of expression and demonstrate advanced critical reading and writing abilities.

Storytellers’ Workshop (Sage Connected)

AP English Literature and Composition

11350 Accelerated American Literature

Why do we look back on our lives and remember some events with crystalline precision while other moments slip quickly into oblivion? What are memories? What function do they play in our lives? What makes a memory worth holding onto? “Music and Memory” is a creative writing elective with an emphasis on poetry and personal stories. Through the examination of music, film and literature we will explore our own memories and consider the value of reading about the memories of others. Students will create works about their own experiences that will have lasting importance for themselves and others. Through Sage Hill’s Service Learning program, this elective will also offer students the unique opportunity to help patients in assisted living facilities who suffer from memory loss to write poems and memoirs about their lives. Students will draw from the powerful sources of music, memory and imagery to discover meaning in their lives and help others to do the same.

AP English Literature and Composition

11800 AP English Literature and Composition is a 12th grade, college-level course open to academically motivated students who intend to take the AP examination. In this course, students experience, interpret, and evaluate diverse works of literature. Students develop an understanding of the writers’ use of language to provide meaning and pleasure to readers, examine and explicate structural complexity in poetry and fiction and investigate themes and symbols found in works from the theater. Students also cultivate critical thinking and formal writing skills. In the process, students hone their effective use of rhetoric, including style and tone via collegiate-level vocabulary, grammar, syntax, and literary language. Ultimately, students in this course learn to “read like a writer” and “write like a reader.”

Recommended Preparation: Recommendation of the English Department and either an A- writing average in English III or a B+ writing average in Accelerated English III.

Storytellers’ Workshop (Sage Connected)

1150 Music and Memory: Poetry and Personal Memoir

The power of story is essential in the 21st century. In an increasingly divided culture, the ability for people to communicate clearly and compassionately and to listen to understand is imperative. Stories create connection, and they illuminate. They build and foster empathy. To understand stories is to understand ourselves. Storytellers’ Workshop is a unique learning experience geared toward understanding and appreciating the possibility and power of stories. Throughout the year, students critically examine a variety of published stories, as well as craft their own original pieces, increasing their knowledge of the essential elements of storytelling. The workshop provides members regular opportunities to submit their own work to the class for critical feedback from their instructor and peers. As they engage in a series of creative projects and exercises designed to enrich their understanding of craft and form, students will strengthen their ability to clearly and powerfully communicate their own stories. Please note: this class will meet Monday - Friday during zero period.

Recommended Preparation: Successful completion or co-enrollment in English III or Accelerated English III.
**HISTORY AND SOCIAL STUDIES**

**GRADUATION REQUIREMENT**
3 consecutive years through U.S. History or AP U.S. History

9th
- Patterns of Civilization - Sage Center Designated Course
- Modern World History or AP World History

10th
- U.S. History or AP U.S. History, and AP Psychology, Current Issues, Principles of Business, Ethics and Political Philosophy, AP Art History, or AP Economics

11th
- AP Government, AP Psychology, Current Issues, Ethics and Political Philosophy, AP Art History, or AP Economics

12th
- AP Government, AP Psychology, Current Issues, Ethics and Political Philosophy, AP Art History, or AP Economics

**COURSE OFFERINGS**
- 2110 Patterns of Civilization
- 2125 Modern World History
- 2130 United States History
- 21430 Current Issues in the Modern World
- 21600 Ethics and Political Philosophy
- 21700 Principles of Business
- 21720 AP Art History (*)
- 2185 AP World History (*)
- 21810 AP United States History (*)
- 21830 AP American Government (*)
- 21840 AP Psychology (*)
- 21840 AP Economics (*)

**HISTORY AND SOCIAL STUDIES COURSE ROADMAP**

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

(*) All students enrolled in an AP class are required to take the accompanying AP exam.

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**HISTORY AND SOCIAL STUDIES CURRICULUM OVERVIEW**

**Patterns of Civilization**

Patterns of Civilization places an emphasis on the multidisciplinary nature of history. In this respect, art, economics, the environment, geography and religion are important components of this course. Students also learn about historiography and research in order to understand the processes and methodology that historians use when creating their picture of the past. The course’s content and skills are geared toward assisting students in planning, researching and producing their Sage Hill History Project inspired by National History Day themes. All students present their projects in the spring at the Ninth Grade History Night at school.

In the 2020-2021 school year, this is a Sage Center Designated Course.

**Modern World History**

Modern World History examines global history from the Renaissance through the 20th Century. The course provides students the opportunity to demonstrate learning in the written form as well as in class presentations on an individual or small-group basis. Objectives include explaining large-scale and long-term historical developments; identifying and evaluating key turning points in world history; comparing the ideals and practices of major belief systems; and identifying and assessing the economic, environmental and political challenges humans have confronted.

This course is open to students who have successfully completed Patterns of Civilization.

**AP World History**

The course covers the entire world, focusing on the global history of the world by examining the major themes of time.

This course is open to students who have successfully completed Patterns of Civilization.

**AP United States History**

The course covers the entire history of the United States, focusing on the major themes of time.

This course is open to students who are co-enrolled in or have successfully completed U.S. History or AP U.S. History at Sage Hill School. Enrollment priority is given to seniors.

**AP Psychology**

This course provides an overview of the history of psychology, focusing on the major themes of time.

This course is open to students who are co-enrolled in or have successfully completed U.S. History or AP U.S. History at Sage Hill School. Enrollment priority is given to seniors.

**AP Economics**

This course provides an overview of the history of economics, focusing on the major themes of time.

This course is open to students who are co-enrolled in or have successfully completed U.S. History or AP U.S. History at Sage Hill School. Enrollment priority is given to seniors.

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**STANDARDIZED TEST PREPARATION**

**SAT/ACT Preparation**

SAT/ACT preparation will be offered in the spring. More information will be provided closer to the testing date.

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**GRADUATION REQUIREMENT**

**HISTORY AND SOCIAL STUDIES**

- 2110 Patterns of Civilization
- 2125 Modern World History
- 2130 United States History
- 21430 Current Issues in the Modern World
- 21600 Ethics and Political Philosophy
- 21700 Principles of Business
- 21720 AP Art History (*)
- 2185 AP World History (*)
- 21810 AP United States History (*)
- 21830 AP American Government (*)
- 21840 AP Psychology (*)
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**HISTORY AND SOCIAL STUDIES COURSE ROADMAP**

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

(*) All students enrolled in an AP class are required to take the accompanying AP exam.
MATHEMATICS CURRICULUM OVERVIEW

The mission of the Sage Hill School’s Mathematics Department is twofold–to prepare students for college-level mathematics courses and to give students the tools necessary to interpret their world through a mathematical lens. Our curriculum spans all ability levels and interests while adequately challenging students in their mathematical journey. We achieve our mission by emphasizing mathematical skills, proper notation, theory, and practice. Our students work both individually and collaboratively on assignments and projects with various applications to real-life issues in addition to using technology in pedagogically appropriate ways. We support our students by giving them the tools to mathematize and critically interpret the world around them.

When students enter Sage Hill School, we meet them where they are mathematically with an initial placement assessment. This ensures that students begin their mathematical careers successfully with us by having proper placement into our curriculum because learning mathematics is a developmental process that builds upon prior knowledge and skills. We expect that students take three consecutive years of mathematics coursework through Algebra II (not including summer coursework). In addition students have many options and electives from which to choose depending on the pace and scope of their mathematical journey.

MATHEMATICS COURSE ROADMAP

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

(*) All students enrolled in an AP class are required to take the accompanying AP exam.

Algebra I 3130
Geometry 3120
Algebra II 3135
Accelerated Algebra II 3141
Precalculus 3140
Accelerated Precalculus 3141
Calculus 3150
Statistics 3160

Advanced Topics in Mathematics

AP Statistics (*)
AP Calculus AB (*)
AP Calculus BC (*)
Financial Literacy (Sage Connected)

Multivariable Calculus
Advanced Topics

ELECTIVES

AP Computer Science
Statistics
AP Statistics
Financial Literacy (Sage Connected)

MATHEMATICS CURRICULUM OVERVIEW

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Geometry 3120
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Precalculus 3140
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Statistics 3160

Advanced Topics in Mathematics

AP Statistics (*)
AP Calculus AB (*)
AP Calculus BC (*)
Financial Literacy (Sage Connected)

Multivariable Calculus
Advanced Topics

ELECTIVES

AP Computer Science
Statistics
AP Statistics
Financial Literacy (Sage Connected)

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ELECTIVES

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Accelerated Precalculus 3141
Calculus 3150
Statistics 3160

Advanced Topics in Mathematics

AP Statistics (*)
AP Calculus AB (*)
AP Calculus BC (*)
Financial Literacy (Sage Connected)

Multivariable Calculus
Advanced Topics

ELECTIVES

AP Computer Science
Statistics
AP Statistics
Financial Literacy (Sage Connected)
SCIENCE CURRICULUM OVERVIEW

Science education at Sage Hill School is an evolutionary process. Our students emerge as scientifically literate citizens; their expanded confidence, knowledge and skills enable them to view science as a means of understanding the human experience.

Students will begin science studies in Chemistry or Accelerated Chemistry. In each course, emphasis is placed on the dynamic, interdisciplinary nature of the scientific process and its relevance in the modern world. Upon successful completion of core courses in physical and life sciences, students in the upper grade levels can choose to pursue an even wider variety of electives.

SCIENCE COURSE ROADMAP

**CHEMISTRY OR ACCELERATED CHEMISTRY**

- **AP Chemistry**
- **Organic Chemistry, or AP Environmental Science, or AP Biology**

**BIOLGY OR ACCELERATED BIOLOGY**

- **AP Environmental Science**
- **AP Marine Science**
- **AP Marine Science, or AP Environmental Science, or AP Biology**

**AP PHYSICS 2 OR ENGINEERING**

- **AP Physics C: Electricity and Magnetism**
- **AP Physics A: Electricity and Magnetism**
- **AP Physics 1 (or)**
- **AP Physics 2 (or)**
- **AP Physics 3**

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

(*) All students enrolled in an AP class are required to take the accompanying AP exam.

GRADUATION REQUIREMENT

3 years laboratory science

9th
- Chemistry or Accelerated Chemistry

10th
- Biology or Accelerated Biology, AP Physics 1, AP Physics C concurrent with Biology or Accelerated Biology, AP Chemistry

11th
- Next in sequence

12th
- Next in sequence

COURSE OFFERINGS

- 4120 Chemistry
- 4125 Accelerated Chemistry
- 41300 Biology
- 41350 Accelerated Biology
- 41410 Marine Science
- 41440 Engineering
- 41450 3D Design, Modeling and Fabrication (Sage Connected)
- 4150 Organic Chemistry
- 41800 AP Chemistry (*
- 41810 AP Biology (*)
- 41820 AP Physics 1 (*)
- 41825 AP Physics 2 (*)
- 41830 AP Physics C: Electricity and Magnetism (*)
- 41840 AP Environmental Science(*)

SCIENCE COURSE OFFERINGS

AP Calculus BC 31830
This course introduces students to the concepts of calculus. In addition to learning to read the language of differential equations and understanding the Fundamental Theorem of Calculus, students learn methods for determining derivatives and integrals of elementary functions and explore applications of the derivative and integral. Additional topics include techniques of integration, differential equations and sequences and series, polar, parametric and vector functions.

Recommended Preparation: Recommendation of the Mathematics Department, successful completion of Accelerated Precalculus with at least an A- both semesters, and demonstrating mastery in a placement process.

Calculus II 31860
This course continues the study of single-variable calculus. This course will provide a deeper understanding of the concepts of limit, continuity, derivatives and integrals which were all covered in AP Calculus AB. The major topics covered in this course are parametric, polar, vector functions; slope fields; Euler's method; L'Hopital's Rule; Improper Integrals; differential equations; Polynomial approximations and Series; and Taylor Series.

Recommended Preparation: Recommendation of the Mathematics Department, successful completion of AP Calculus AB, or Accelerated Calculus/Calc AB with at least a B both semesters.

Multivariable Calculus 31900
This course extends the concepts of single-variable calculus into three dimensions and completes the study of calculus. During the first semester, students learn vector-valued functions and operations, study functions and derivatives in three-space, limits and infinite series. During the second semester, students will further investigate functions and their derivatives in three dimensions, applications of multiple integrals (including rectangular, spherical and cylindrical coordinate systems), integration in vector fields, divergence theorem, Green's Theorem and Stokes' Theorem.

Recommended Preparation: Recommendation of the Mathematics Department and successful completion of AP Calculus AB, or Accelerated Trigonometry/Calc AB with at least an A in the last completed regular-level math course or at least a B both semesters in the last completed Accelerated- or AP-level math course.

AP Calculus AB 31850
This course is designed to teach students not only how to program in a high-level computer language, Java, but also about computing in general. The curriculum educates students to use programming methodology and problem-solving skills to produce computer based solutions to problems by challenging them to take the lessons learned in class and apply them immediately to various exercises on the computer. After completing this course, students should be able to write high-level code in Java, understand the concepts of object-oriented programming, and use methodologies to analyze a problem and then implement a solution with Java on the computer.

Recommended Preparation: Recommendation of the Mathematics Department, successful completion of AP Calculus AB, or Accelerated of the Mathematics Department and successful completion of AP Trigonometry/Calculus AB with at least an A- both semesters. Or successful completion of AP Calculus BC with at least a B both semesters.

Financial Literacy (Sage Connected)

The Financial Literacy class will teach the critical money management skills that students need before they strike out on their own. Far too many people, even a surprising percentage of those with sizable incomes, live paycheck to paycheck due to mishandling of their money. This class aims to fix that by covering a myriad of real-world topics that are extremely practical. Some of these topics include: learning how to get a job, paying taxes, loans, credit, buying a home vs. renting, buying a car, retirement planning, stocks, bonds, real estate and entrepreneurship. Students should never leave class asking, "When are we going to use this in real life?" This is a Sage Connected course, which is offered to juniors and seniors only. This course meets every Monday, Wednesday, and Thursday during zero period.

In order to be eligible to apply to the University of California system, students must have completed a year of Geometry either prior to, or at Sage Hill School.

AP Computer Science 61800
This course is designed to teach students not only how to program in a high-level computer language, Java, but also about computing in general. The curriculum educates students to use programming methodology and problem-solving skills to produce computer based solutions to problems by challenging them to take the lessons learned in class and apply them immediately to various exercises on the computer. After completing this course, students should be able to write high-level code in Java, understand the concepts of object-oriented programming, and use methodologies to analyze a problem and then implement a solution with Java on the computer.

Recommended Preparation: Recommendation of the Mathematics Department, successful completion of Accelerated Precalculus with at least an A- both semesters, and demonstrating mastery in a placement process.

Calculus C 31860
This course continues the study of single-variable calculus. This course will provide a deeper understanding of the concepts of limit, continuity, derivatives and integrals which were all covered in AP Calculus AB. The major topics covered in this course are parametric, polar, vector functions; slope fields; Euler's method; L'Hopital's Rule; Improper Integrals; differential equations; Polynomial approximations and Series; and Taylor Series.

Recommended Preparation: Recommendation of the Mathematics Department, successful completion of AP Calculus AB, or Accelerated Calculus/Calc AB with at least a B both semesters in the last completed regular-level math course or at least a B both semesters in the last completed Accelerated- or AP-level math course.

AP Computer Science 61800
This course is designed to teach students not only how to program in a high-level computer language, Java, but also about computing in general. The curriculum educates students to use programming methodology and problem-solving skills to produce computer based solutions to problems by challenging them to take the lessons learned in class and apply them immediately to various exercises on the computer. After completing this course, students should be able to write high-level code in Java, understand the concepts of object-oriented programming, and use methodologies to analyze a problem and then implement a solution with Java on the computer.

Recommended Preparation: Recommendation of the Mathematics Department, successful completion of AP Calculus AB, or Accelerated of the Mathematics Department and successful completion of AP Trigonometry/Calculus AB with at least an A- both semesters. Or successful completion of AP Calculus BC with at least a B both semesters.

Financial Literacy (Sage Connected)

The Financial Literacy class will teach the critical money management skills that students need before they strike out on their own. Far too many people, even a surprising percentage of those with sizable incomes, live paycheck to paycheck due to mishandling of their money. This class aims to fix that by covering a myriad of real-world topics that are extremely practical. Some of these topics include: learning how to get a job, paying taxes, loans, credit, buying a home vs. renting, buying a car, retirement planning, stocks, bonds, real estate and entrepreneurship. Students should never leave class asking, "When are we going to use this in real life?" This is a Sage Connected course, which is offered to juniors and seniors only. This course meets every Monday, Wednesday, and Thursday during zero period.

In order to be eligible to apply to the University of California system, students must have completed a year of Geometry either prior to, or at Sage Hill School.
Accelerated Biology 4120

Accelerated Biology is a course that is designed to both be wide and deep—to that it covers a breadth of topics critical to developing a firm understanding and appreciation for the biological sciences. Students will also review mathematical and physical principles covered in earlier courses and understand the implications to the field of engineering. The course will be expected to work independently in the lab and understand their work in the context of ongoing research topics in the field. Students and medical researchers students in Accelerated Biology will be expected to work through “human error” and revise flawed designs to collect high-quality data. While the curriculum is built to provide time and space for mistakes and revisions, students may need to spend additional time in the laboratory (under the supervision of the Sage Hill science faculty) beyond what is provided in class meetings in order to make meaningful conclusions from their investigations.

This course is open to students who have completed a year of high school laboratory biology.

Engineering 4140

This course will expose students to many aspects of the field of engineering. The course will focus on experiential learning, with numerous laboratory and design exercises. Students will also review mathematical and physical principles covered in earlier courses and understand the implications to the field of engineering. The course will be expected to work independently in the lab and understand their work in the context of ongoing research topics in the field. Students and medical researchers students in Accelerated Biology will be expected to work through “human error” and revise flawed designs to collect high-quality data. While the curriculum is built to provide time and space for mistakes and revisions, students may need to spend additional time in the laboratory (under the supervision of the Sage Hill science faculty) beyond what is provided in class meetings in order to make meaningful conclusions from their investigations.

This course is open to students who have completed a year of high school laboratory biology.

Organic Chemistry 4150

Students in this course will study the wide range of phenomena that arise from the special properties of the carbon atom. From the reactions that are the basis for all living organisms, to the unique molecules that make up the unique properties of the carbon atom, organic chemistry is ubiquitous in the world around us. The course will build on students’ knowledge of chemistry and give them exposure to analytical techniques used by chemists through a significant laboratory component. After studying how bonding affects the shape and stability of molecules, students will analyze how molecules move around in space and explore a variety of reactions that occur in organic chemistry. The course will provide students with the opportunity to meet the ultimate course goal: to use organic chemistry as a tool to identify and solve problems that are open-ended and meaningful, while working to increase proficiency in Sage Hill Science’s Core Competencies of collaboration, critical thinking, communication, creativity, and cross-cultural competency.

This course is open to students in their junior or senior years who have completed a year of high school laboratory chemistry and a year of high school laboratory biology.

AP Chemistry 4180

Advanced Placement Chemistry is the equivalent of the first semester of college chemistry for chemistry majors. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introduction, simple circuits. This is an algebra-based course that uses basic trigonometry.

This course is open to students who have completed a year of high school laboratory chemistry and a year of high school laboratory biology and who are currently enrolled in or have completed a year of high school laboratory biology.
Accelerated Chinese IV: Literature and Film  5141

In this course, students review and strengthen their knowledge of the French language, which will be presented within the context of the contemporary Francophone world and its culture. All language skills are equally emphasized and regularly assessed so that students demonstrate their acquisition of new grammatical structures and vocabulary in class presentations and oral language use. Computer technology and diverse audio and video material complement the course to further help students attain an advanced-intermediate speaking proficiency and reading proficiency.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of French I or equivalent.

Accelerated French IV: Contemporary Society  51241

Accelerated French IV continues to enhance the student’s listening and speaking proficiency. This course includes conversation practice, vocabulary acquisition, grammar exercises and essay writing in the context of cultural themes. Students explore works of literature, films and current events to develop their critical thinking skills and understand the cultural and social contexts of the French-speaking world. In addition, there is increased emphasis on advanced-level reading and writing. The intensive study of grammar continues, adding idiomatic expressions, as well as more complex sentence structures. Students create and communicate in French and the course will be conducted almost entirely in the target language. This course will rotate themes of film, culture, literature and history. This course may be repeated for credit to include the alternate theme.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of French II or equivalent.

Accelerated Latin IV: Vergil  51451

The first Latin of Latin I is the study of Latin literature. Students will pronounce, translate and analyze authentic Latin texts with facility and depth. A base knowledge of 1,400 vocabulary words (cumulatively from Latin I, II and III) is at the heart of this process. Students of Latin III gain a strong knowledge of verb mood and will also acquire a knowledge of Latin nouns and pronouns that will allow them to recognize and translate idiomatic Latin into colloquial English. Students learn about the social, political and cultural context of Rome, and will read passages of Catullus, Ovid and Vergil. Upon completion of Latin III, students will be prepared for the language and literature of Accelerated Latin IV.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Latin I or equivalent.

Accelerated Latin IV: Vergil  51451

The Vergil rotation of Accelerated Latin IV allows the advanced Latin student to study the models and rich history of epic poetry and the world of Rome. Students will delve into Homer’s epic poems, the Iliad and the Odyssey. (As a result, students will have a thorough understanding of the development of the language of the ancient Romans. This understanding will aid the student in his or her study of Latin at an advanced level but not to go beyond vocabulary, morphology and syntax, in order to master the translation and analysis of specific Latin authors. They will learn the basic forms and function of adjectives, adverbs, prepositions and adverbial dependent clauses. Latin I exposes the students to culture, history, and mythology, and a study as a base of classics and Latin and Greek language and literature.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Latin I or equivalent.

Latin II  5142

Latin II continues the study of language, culture, history and mythology begun in Latin I. Students will read sample texts by authors such as Catullus, Cæsar, Ovid and Cicero. Students are also expected to be proficient in all major vocabulary and grammatical structures and in the use of upper level Latin texts. The course includes the study of grammatical structure, and the imperative and infinitive verb moods. The content of the course ensures that students demonstrate their acquisition of new grammatical structures and vocabulary in class presentations and oral language use. Computer technology and diverse audio and video material complement the course to further help students attain an advanced-intermediate speaking proficiency and reading proficiency.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Latin I or equivalent.

Latin III  5143

The ultimate goal of Latin III is the study of Latin literature. Students will pronounce, translate and analyze authentic Latin texts with facility and depth. A base knowledge of 1,400 vocabulary words (cumulatively from Latin I, II and III) is at the heart of this process. Students of Latin III gain a strong knowledge of verb mood and will also acquire a knowledge of Latin nouns and pronouns that will allow them to recognize and translate idiomatic Latin into colloquial English. Students learn about the social, political and cultural context of Rome, and will read passages of Catullus, Ovid and Vergil. Upon completion of Latin III, students will be prepared for the language and literature of Accelerated Latin IV.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Latin I or equivalent.

Latin I  5141

Latin I introduces students to the language and culture of the Francophone world. The course emphasizes effective, confident communication. Students sustain simple conversations in the present and past tenses on covered topics, understand the same material when spoken by a native speaker, read simple passages from authentic materials, and write descriptions of people and activities. They learn a fundamental knowledge of the geographic locations, and of the culture of France and other French-speaking countries. Students speak French in every class, take part in debates and role-plays, and do research on various aspects of French culture.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese I or equivalent.

Accelerated Chinese IV:  5141

Accelerated Chinese IV is a course for advanced students interested in continuing to build their language skills and in learning more about Chinese culture. Students will thoroughly review of elementary grammar and vocabulary, practice appropriate use of idiomatic expressions and further develop proficiency in reading contemporary Chinese texts, as well as composing essays at the intermediate level. Thematic will rotate to include folk arts, history, film, music and literature. Further development of oral expression will be emphasized. This course is conducted almost entirely in Chinese. This course may be repeated for credit to include the alternate theme.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese III with emphasis on mastery of reading, writing and oral communication at the intermediate level.

French I  5121

French I introduces students to the language and culture of the Francophone world. The course emphasizes effective, confident communication. Students sustain simple conversations in the present and past tenses on covered topics, understand the same material when spoken by a native speaker, read simple passages from authentic materials, and write descriptions of people and activities. They learn a fundamental knowledge of the geographic locations, and of the culture of France and other French-speaking countries. Students speak French in every class, take part in debates and role-plays, and do research on various aspects of French culture and perform short skits.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of French I or equivalent.

Accelerated French IV:  51241

Accelerated French IV continues to enhance the student’s listening and speaking proficiency. This course includes conversation practice, vocabulary acquisition, grammar exercises and essay writing in the context of cultural themes. Students explore works of literature, films and current events to develop their critical thinking skills and understand the cultural and social contexts of the French-speaking world. In addition, there is increased emphasis on advanced-level reading and writing. The intensive study of grammar continues, adding idiomatic expressions, as well as more complex sentence structures. Students create and communicate in French and the course will be conducted almost entirely in the target language. This course will rotate themes of film, culture, literature and history. This course may be repeated for credit to include the alternate theme.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of French II or equivalent.

French II  5122

French II builds on a fundamental knowledge of the French language and the cultures of French-speaking world. The course continues to emphasize effective, confident communication. Students sustain simple conversations on topics in present, past, and future tenses, understand the same material when spoken by a native speaker, read more difficult passages from authentic materials, and write with correct grammar and spelling. They expand their knowledge of the culture of France and other French-speaking countries. Students speak French in every class, take regular written and oral examinations, research aspects of French culture and perform short skits. Students will research and regularly assess so that students demonstrate their acquisition of new grammatical structures and vocabulary in class presentations and oral language use. Computer technology and diverse audio and video material complement the course to further help students attain an advanced-intermediate speaking proficiency and reading proficiency.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of French I or equivalent.

French III  5123

In this course, students review and strengthen their knowledge of the French language, which will be presented within the context of the contemporary Francophone world and its culture. All language skills are equally emphasized and regularly assessed so that students demonstrate their acquisition of new grammatical structures and vocabulary in class presentations and oral language use. Computer technology and diverse audio and video material complement the course to further help students attain an advanced-intermediate speaking proficiency and reading proficiency.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of French II or equivalent.

Accelerated Chinese III:  5133

Chinese III course is designed to further students’ ability to comprehend and converse in Mandarin Chinese, build vocabulary and extend reading and writing skills. There is an increased emphasis on complex sentence structures and idiomatic expressions in speaking and reading. Students speak Chinese in every class, reﬁne their tones and pronunciation of Mandarin Chinese and continue to explore the art, traditions and culture of China.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese I or equivalent.

Accelerated Chinese III:  5133

Accelerated Chinese III is an introductory course designed for learners without prior knowledge of the language. This course emphasizes fundamental communication skills in Mandarin Chinese, including listening, speaking, reading and writing skills. Students learn to read and write Chinese characters and to communicate through the kinesthetic system. Chinese I also introduce students to the culture of China. Students speak Chinese in every class, take regular written and oral examinations and do research on various aspects of Chinese culture.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese I or equivalent.

Chinese II  5112

Chinese II builds on a fundamental knowledge of Chinese culture and style including figures of speech to help students consolidate their knowledge of Chinese; this course focuses on oral proficiency and expanding vocabulary. Students speak Chinese in every class, reﬁne their tones and pronunciation of Mandarin Chinese and continue to explore the art, traditions and culture of China.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese I or equivalent.

Accelerated Chinese II:  5112

Accelerated Chinese II is a course for advanced students interested in continuing to build their language skills and in learning more about Chinese culture. Students will thoroughly review of elementary grammar and vocabulary, practice appropriate use of idiomatic expressions and further develop proficiency in reading contemporary Chinese texts, as well as composing essays at the intermediate level. Thematic will rotate to include folk arts, history, film, music and literature. Further development of oral expression will be emphasized. This course is conducted almost entirely in Chinese. This course may be repeated for credit to include the alternate theme.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese I or equivalent.

Accelerated Chinese I:  5111

Accelerated Chinese I is an introductory course designed for learners without prior knowledge of the language. This course emphasizes fundamental communication skills in Mandarin Chinese, including listening, speaking, reading and writing skills. Students learn to read and write Chinese characters and to communicate through the kinesthetic system. Chinese I also introduce students to the culture of China. Students speak Chinese in every class, take regular written and oral examinations and do research on various aspects of Chinese culture.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Chinese I or equivalent.

Accelerated Chinese I:  5111

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

(*) All students enrolled in an AP class are required to take the accompanying AP exam.
Recommended Preparation

In addition to covering the Spanish III curriculum, this course requires students to go beyond the basic skills of the level and work towards greater depth and breadth of expression in written and spoken Spanish. The course is designed for students who are able to quickly acquire new structures and vocabulary and, at the same time, build on their previous knowledge. The course materials use complex language and challenge students to apply what they have learned in new contexts. Students will begin to write in extended discourse, speaking with more fluency and accuracy and delve deeper into cultural themes. Students will be recommended for this class by their Spanish III teacher. This course is available to students starting in sophomore year.

This course is open to sophomores, juniors and seniors.

Recommended Preparation: Program A in both semesters of Spanish II.

Spanish IV

This course allows students to build on their skills by revisiting many of the formal structures students have seen in previous courses and with each concept, refining and expanding their ability to use them with greater fluency. Students will also work toward increasing their vocabulary and oral proficiency. The course is thematically based, and with each new unit, students will practice writing with more depth and accuracy, speak more nuance and fluency and understand the varieties of Spanish spoken throughout the Hispanic world. Cultural competency is at the heart of the curriculum and students will read short literary selections, view contemporary shorts and feature-length films, read short essays, explore the stories of the cultures of the Hispanic-speaking world and make connections to their own cultures. Through discussions and activities, students will develop more in-depth cultural competency and critical thinking skills. Students will write in a variety of rhetorical styles, broaden their breadth of expression and their ability to speak both formally and informally. Students will be well equipped to use Spanish for both challenging academic work and personal enrichment. This course demands the critical reading, writing and thinking skills of English III or above or other junior/senior-level courses in the History and Social Sciences department.

This course is open to juniors and seniors only.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Spanish III or equivalent.

AP Spanish Language

AP Spanish Language and Culture emphasizes the use of Spanish for active communication and participation in research and discussion on six broad themes. Students work to develop oral proficiency through emphasis on vocabulary acquisition, distinguishing between formal and informal language and the ability to use each in appropriate contexts. Students also strengthen their ability to express themselves with increased fluency and accuracy in written Spanish. Throughout each theme, students increase their knowledge and familiarity with the cultures of the Hispanic world. Students are recommended to take AP Spanish Language and Culture for learning and to continue studying the language beyond the secondary level, and they expand their working vocabulary of Spanish to move into improving their writing skills in Spanish and in the oral arts.

This course is designed for students who have little or no experience with Spanish. This course is conducted entirely in Spanish.

This course is open to sophomores, juniors and seniors.

Recommended Preparation: Program A in both semesters of Spanish II.

Advanced Topics in Spanish

This advanced course aims to further develop a student's proficiency skills using feature-length films, short literary readings and other authentic resources from Spain and Latin America. The curriculum is structured around contemporary themes and essential questions that will encourage students to explore the cultures, histories and perspectives of the Hispanic world and make connections to their own cultures. Through discussions and activities, students will develop more in-depth cultural competency and critical thinking skills. Students will write in a variety of rhetorical styles, broaden their breadth of expression and their ability to speak both formally and informally. Students will be well equipped to use Spanish for both challenging academic work and personal enrichment. This course demands the critical reading, writing and thinking skills of English III or above or other junior/senior-level courses in the History and Social Sciences department.

This course is open to juniors and seniors only.

Recommended Preparation: Recommendation of the World Languages Department and successful completion of Spanish III or equivalent.

Arts Survey

The Arts Survey begins an artistic, collaborative journey that serves to enhance students' learning throughout the year at Sage Hill and beyond. The first semester of this year-long course provides ninth grade students the opportunity to experience a wide variety of performing and visual arts disciplines, and to engage in active learning with each member of the Arts faculty. In the second semester, students work with their teachers to select a major area to explore in depth. By the end of the year, students develop the ability to communicate their artistic points of view, both individually and collectively, within a supportive and encouraging environment. Incoming ninth grade students with prior high school experience in a select arts discipline can audition for the performing arts faculty or submit a portfolio for review to the visual arts faculty and may be accepted into an appropriate level arts other than Spanish Survey.

Ninth grade students who audition and are accepted into a dance course at any level will receive Physical Health credit for the duration of the year. In addition, those students must co-enroll in Arts Survey to earn their freshman year arts credit. Dance students will NOT receive dual credit in ninth grade but may do so in grades 10-12.

This course is designed for students who have little or no experience with dance. Students explore and practice the principles of dance technique and performance, and develop kinesesthetic awareness, freedom, and control in the use of the body as an instrument of expression. Ballet, Modern, Jazz, Musical Theater and Hip Hop dance techniques are introduced and practiced.

This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

AP Studio Art (*)

AP Studio Art is designed for students who have little or no experience with dance. Students explore and practice the principles of dance technique and performance, and develop kinesesthetic awareness, freedom, and control in the use of the body as an instrument of expression. Ballet, Modern, Jazz, Musical Theater and Hip Hop dance techniques are introduced and practiced.

This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

AP Studio Art (*)

AP Studio Art is designed for students who have little or no experience with dance. Students explore and practice the principles of dance technique and performance, and develop kinesesthetic awareness, freedom, and control in the use of the body as an instrument of expression. Ballet, Modern, Jazz, Musical Theater and Hip Hop dance techniques are introduced and practiced.

This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

AP Studio Art (*)

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This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

AP Studio Art (*)

AP Studio Art is designed for students who have little or no experience with dance. Students explore and practice the principles of dance technique and performance, and develop kinesesthetic awareness, freedom, and control in the use of the body as an instrument of expression. Ballet, Modern, Jazz, Musical Theater and Hip Hop dance techniques are introduced and practiced.

This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

AP Studio Art (*)

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This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

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Arts Survey (9th grade)

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Arts Survey (9th grade)

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This course is conducted entirely in Spanish.

Arts Survey (9th grade)

Recommended Preparation: Program A in both semesters of Spanish II.

AP Studio Art (*)

AP Studio Art is designed for students who have little or no experience with dance. Students explore and practice the principles of dance technique and performance, and develop kinesesthetic awareness, freedom, and control in the use of the body as an instrument of expression. Ballet, Modern, Jazz, Musical Theater and Hip Hop dance techniques are introduced and practiced.

This course is conducted entirely in Spanish.
Dance IV 7115
This multi-form technique class focuses on expanding movement possibilities, developing movement efficiency and training dancers to be artful technicians and inventors of movement. Students practice challenging material with enough repetition to inhabit the movement with confidence while making individual choices about dynamics, phrasing and performance. While the class focuses on Modern dance, guest instructors who specialize in other forms, including Ballet, Hip-Hop and Bollywood, teach throughout the year, and students perform in a variety of contexts.

This course requires the approval of the Arts Department following an audition.

Dance Ensemble 7119
Synergy (Dance Ensemble) targets students who want to broaden their technique, creative work and performance experience. Students practice and perform repertory pieces and new works prepared under the direction of faculty, guest artists and selected students. Students also create their own work under the instruction of faculty.

This course can be used for admission into UC and CSU programs.

This course requires the approval of the Arts Department following an audition.

Theater I: Acting Styles 7121
Theater I is an introductory course where students develop a more comprehensive process for approaching a role and gain a deeper understanding of the various components of theatrical production. The performance component of the class is comprised of exercises, games and monologue and scene work that develop specific skills, and the writing component includes informal peer critiques, self-evaluations, formal reviews of productions and a research paper. Students also learn more advanced acting skills such as stage combat and the use of dialects as well as how to approach different styles of acting such as Shakespearean drama or comedy of manners.

This course requires the approval of the Arts Department following an audition.

Fundamentals of Art II 7131
In Fundamentals of Art I, students continue to develop drawing and painting skills introduced in Fundamentals of Art I. Students increase aesthetic awareness through the use of the visual arts language and concepts (elements and principles) with an emphasis on direct observation. Students explore self-expression through the development of organizational skills using a wider variety of drawing and painting media. Reading and writing assignments continue to be included in course work with an emphasis on critiques and research. The development of an Advanced Placement Portfolio is an option for students who plan to pursue a more rigorous path.

Recommended Preparation: Recommendation of the Arts Department.

Art Lab 7137
Art Lab is a studio art class for students who are studying majoring in Visual Arts. Students continue to develop their skills in painting, drawing, and sculpting. This course is designed to let students experience the natural progression of building a body of work. Students are challenged to continually develop their ability to express themselves through a variety of media. The course also focuses on developing conceptual approaches to making art. Formal and informal critiques are a continuous and invaluable component of the Art Lab experience. Students work in their sketchbooks religiously and learn that this tool will also become their confidant and vehicle for their artistic journey.

Recommended Preparation: Successful completion of Fundamentals of Art II or Digital Art II and recommendation of the Arts Department.

Guitar Ensemble 7169
A musical ensemble comprised of classical (acoustic) guitars. Participants will rehearse and perform diverse examples of music from the guitar tradition, as well as demonstrate an understanding of music theory, practice and repertoire. Students are required to use this knowledge in a creative way through composition and improvisation exercises and projects. The AP Music Theory class is designed not only to prepare the students to perform successfully on the AP Exam, but also to engage and inspire their love of music with the goal of becoming passionate musical artists.

This course is open to sophomores, juniors and seniors who have met with the Instrumental Music Instructor and/or the Arts Department Chair for approval.

Recommended Preparation: The completion of a year of participation in a SAGE Hill music ensemble or the equivalent.

Ceramics 7173
Ceramics is an upper division lab and lecture course in which the student explores clay as a creative material. Students study clay and the art of ceramics as they gain knowledge of the elements and principles of art. Students also demonstrate the skills and processes of creating art using the medium of clay by researching the historical and cultural contributions ceramics have made throughout history, analyzing and making aesthetic judgments about their own artworks, and developing critical thinking skills. Ultimately, students apply what they learn about clay and ceramics to exhibitions, other subject areas, careers in the field of ceramics and the safe use of materials and equipment in the lab.

Recommended Preparation: Recommendation of the Arts Department.

AP Music Theory 7166
This AP Music Theory course is designed for serious students of music. The primary goal of the AP Music Theory course is to develop a student’s ability to recognize, understand and describe the basic materials and processes of music that are presented in a score. Additionally, students will be required to use this knowledge in a creative way through composition and improvisation exercises and projects. The AP Music Theory class is designed not only to prepare the students to perform successfully on the AP Exam, but also to engage and inspire their love of music with the goal of becoming passionate musical artists.

This course is open to sophomores, juniors and seniors who have met with the Instrumental Music Instructor and/or the Arts Department Chair for approval.

Recommended Preparation: The completion of a year of participation in a SAGE Hill music ensemble or the equivalent.

Arts Lab 7130
The Arts Lab is an interdisciplinary course where students develop a more comprehensive process for approaching a role and gain a deeper understanding of the various components of theatrical production. The performance component of the class is comprised of exercises, games and monologue and scene work that develop specific skills, and the writing component includes informal peer critiques, self-evaluations, formal reviews of productions and a research paper. Students also learn more advanced acting skills such as stage combat and the use of dialects as well as how to approach different styles of acting such as Shakespearean drama or comedy of manners.

This course requires the approval of the Arts Department following an audition.

Digital Art I 7132
Digital Art I is a year-long introduction to the computer as a vital and creative tool for making art. The course balances the use of powerful graphics software grounded in the principles of form and design with traditional drawing techniques. Contemporary art practices and a variety of cultural and historical perspectives on representation form the theoretical backbone of the course. In addition to computers, students work with traditional art materials as well as other digital and media devises. Students create original artworks using combinations of all of these resources, and they are required to apply their theoretical knowledge to their artwork and the work of other artists. This course also introduces students to various careers based in the visual arts.

Recommended Preparation: Successful completion of Fundamentals of Art II or Digital Art I and recommendation of the Arts Department.

Sage Hill Singers 7158
This is an advanced mixed chamber ensemble of singers who specialize in Renaissance madrigals and motets, vocal jazz and contemporary a cappella music. Those who wish to audition will be asked to sight read, demonstrate ability to produce a healthy, full tone, execute musical phrases with finesse and musicianship and exhibit advanced skills in tonal memory. In addition to these qualifications, the instructor will select ensemble members based upon a desired balance and blend.

This course requires the approval of the Arts Department following an audition.

Concert Choir 71520
Concert Choir is an ensemble of mixed voices that study and perform both a cappella and accompanied repertoire drawn from all cultures and periods of musical history. Members of the Concert Choir study and perform works prepared under the direction of faculty, guest artists and selected students. Students also create their own work under the instruction of faculty.

This course requires the approval of the Arts Department following an audition.

Trebble Choir 71510
This all-female ensemble is open to girls with an interest in building their skills in choral singing. Members study and perform a cappella as well as accompanied repertoire drawn from all cultures and periods of musical history. These singers continue to develop healthy vocal techniques and acquire more advanced skills in music theory, sight-reading and ensemble singing.

This course requires the approval of the Arts Department following an audition.

Winds Ensemble 7168
A musical ensemble comprised of all wind, brass, piano, and percussion instruments. Participants will rehearse and perform a variety of chamber music that is developmental at the middle school level from the wind ensemble tradition, as well as contemporary and chamber music repertoire. This course will include additional study of instrumental technique, music theory and music history to enhance the development of their instrumental technique and performance capabilities.

This course requires the approval of the Arts Department following an audition.

Art Lab 7137
Art Lab is a studio art class for students who are studying majoring in Visual Arts. Students continue to develop their skills in painting, drawing, and sculpting. This course is designed to let students experience the natural progression of building a body of work. Students are challenged to continually develop their ability to express themselves through a variety of media. The course also focuses on developing conceptual approaches to making art. Formal and informal critiques are a continuous and invaluable component of the Art Lab experience. Students work in their sketchbooks religiously and learn that this tool will also become their confidant and vehicle for their artistic journey.

Recommended Preparation: Successful completion of Fundamentals of Art II or Digital Art II and recommendation of the Arts Department.

Theater Ensemble 7129
Theater Ensemble is an advanced course in theater for motivated, self-directed students with a significant interest in the subject. Units of study include comedic improvisation, playwriting, directing, design, scene study, musical theater, auditioning and participation in at least one production. This course is comprised of various exercises, performances and written assignments. Members of The Theater Ensemble are expected to attend all rehearsals and productions.

This course requires the approval of the Arts Department following an audition.

Digital Art II 7133
Digital Art II is a year-long course designed to be a continuation of Digital Art I. This course encourages students to utilize their formal and conceptual skills in the creation of complex twodimensional and time-based, interactive works. Digital Art II students also use video production software for multiple video projects. Students continue to build upon their use and understanding of all five components of the Visual Arts Framework introduced in Arts Survey and Digital Art I.

Recommended Preparation: Successful completion of Digital Art I and recommendation of the Arts Department.

Theatre Ensemble 7120
Theater I is an introductory course that includes units of study in storytelling, creative drama, improvisation, movement, voice, acting theory, scene work and monologues. The class is comprised of various in-class games and exercises, performances, written character work and evaluations. The improvement of verbal and nonverbal skills prepares students for various types of social interactions including public speaking. At the end of the course, the student will understand the basic terminology of the theater and will have the ability to perform in both a classical and modern contexts.

This course requires the approval of the Arts Department following an audition.

Fundamentals of Art I 7130
The major emphasis of Fundamentals of Art I is to provide a foundation of visual arts concepts. Students create original works of art by exploring a variety of drawing and painting materials and techniques, as well as various methods to create three-dimensional art forms. Students are introduced to the vocabulary as well as the historical and cultural aspects of the visual arts. Technology is introduced as a medium in the visual arts, and students learn about careers in drawing, painting and design. Students create portfolios that will be assessed and exhibited.

Recommended Preparation: Successful completion of Digital Art I and recommendation of the Arts Department.
PHYSICAL HEALTH AND WELLNESS

GRADUATION REQUIREMENT
3 years or 9 sports seasons
(9th and 10th grades mandatory)

PHYSICAL HEALTH OVERVIEW
The overall mission of the Physical Health Department is to teach our students lifelong health habits and to inspire students to be active to improve their overall fitness and wellness. Students learn technique in different types of workouts, create personal goals and practice sportsmanship and camaraderie in team sports. Topics such as nutrition, stress management, and sleep, are all discussed throughout our Physical Health classes. The Physical Health curriculum is complemented by the Wellness Program that provides tools for living a healthy lifestyle.

COURSE OFFERINGS

Sage Fit 8122
This class is a combination of high-intensity interval training along with team sports for fun class competition. The class will incorporate an active warm-up with running and dynamic stretching followed by either a high-intensity strength and conditioning circuit or an organized team sport. Students also enjoy nature hikes, practice mindfulness and breath awareness as tools to ease stress and leave class with a more peaceful and focused state of mind. The ultimate goal in this class is for students to improve in the following areas: cardiovascular fitness, stamina, strength, flexibility, speed, coordination, agility and balance, as well as overall mental health.

Sage Strong 8177
This course is geared toward students who have participated or are currently participating in Sage Hill athletics, and it is designed to improve their sport. The class will incorporate traditional weight lifting techniques (squat variations, dead lifts, power cleans and bench press) and sport-specific movements. The primary goal is for athletes to improve their confidence in sport performance by improving their strength, power, speed, agility and conditioning, while also decreasing the risk of injury. This course meets three days per week after school.

SAGE HILL SCHOOL requires three years, or nine sports seasons, of Physical Health. Students will be awarded credit for a maximum of three seasons or one year of Physical Health per year, even if students participate in both Athletics and Physical Health/Dance in one season. In the ninth and tenth grades, all students must enroll in a Physical Health or Dance course. Students who participate in a sport outside of a Sage Hill athletic team, or an organized team sport. Students also enjoy nature hikes, practice mindfulness and breath awareness as tools to ease stress and leave class with a more peaceful and focused state of mind. The ultimate goal in this class is for students to improve in the following areas: cardiovascular fitness, stamina, strength, flexibility, speed, coordination, agility and balance, as well as overall mental health.

Summer at Sage
Sage Hill Internship Program (SHIP) offers real-life, hands-on work experience and exposure to potential careers. Top professionals in a variety of fields open their workplaces to our students for summer internships and shadow days. These opportunities help students decide on possible college and career paths, and also to build their resumes for college applications. Past internships have been in the fields of law, engineering, medicine, scientific research, finance, sales and marketing, and much more. Positions are generally unpaid.

INDEPENDENT STUDY
The Independent Study is an opportunity for junior and senior students to structure a substantial and unique learning experience that exceeds the current curricular offerings within a given academic department at Sage Hill School. Interested students consult with a potential Independent Study Advisor and the appropriate department chair to determine the feasibility of the project idea. Qualified students in good academic standing with an appropriate course load may submit a proposal to the department chairs in the spring for work to be carried out during the following school year. An Independent Study can be on any topic and may involve a wide range of learning activities. Projects must meet certain minimal attributes which are detailed in an Independent Study Form. An Independent Study will take place over one year, and successful completion will receive a grade and one semester credit on the transcript (second semester). Please note, the Independent Study does not meet a Sage Hill School graduation requirement.

CO-CURRICULAR PROGRAMS

SPRING AT SAGE / SERVICE LEARNING
Service Learning plays an important role in realizing the School’s commitment to public purpose. Through partnerships within our community, we broaden the learning experience beyond the classroom and create opportunities for our students to serve with compassion and conviction. The school-wide Service Learning program empowers students to apply their learning in practical contexts and make a positive difference in the community.

Spring at Sage is an innovative program that creates a valuable year-end experience for students. Following AP and final exams, Spring at Sage allows students of all grade levels to pursue their passions in an intensive seminar, independent project or global travel experience that nurtures leadership, creativity, risk-taking, and engagement with the world beyond the classroom. Students share their Spring at Sage experiences with the school community and finish their year recharged and ready to inspire others.

Service Learning and Spring at Sage are both four-year graduation requirements. Upon completion of these programs, students will receive credit on their School transcript. In order to receive credit, students must participate in every day of the program. If a student does miss a day of either program, follow-up action and or consequences will be defined at the discretion of the program’s director.

SAGE HILL INTERNSHIP PROGRAM (SHIP)
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SUMMER AT SAGE
Summer at Sage provides extraordinary learning experiences for highly motivated students interested in completing a year’s work and earning a full year’s credit (equivalent to two semester grades) to be included on their transcript in one or more subjects. In order to complete a full year course in five weeks, students are expected to attend class daily and complete regularly assigned homework. Classes meet each weekday from 8:00 am until 12:00 pm. A maximum of one Summer at Sage credit course may be taken per student per summer.

Wellness Program Overview
The Wellness program is a component of Physical Health and features a series of workshops that take place in the ninth and tenth grades. Lessons are planned to help students understand themselves and to be able to monitor their own wellbeing. Mental health, adaptive coping skills for stress, digital citizenship, substance abuse/chemical dependence and healthy relationships including sexual health, empathy, kindness and cross-cultural competency are part of the curriculum. Programming is done in a Wellness Wednesday, which takes place once a month during a student’s Physical Health, Dance or free block (if participating on an athletic team).

Independent Sports
Students who participate in a sport outside of a Sage Hill athletic team, or on the junior national or national levels, may be eligible for an independent sports waiver. All waivers are subject to approval by the Physical Health Department, and requests for waivers must be submitted the first week of the sport season.
### COURSE OFFERINGS QUICK LIST

**ENGLISH**
- 1110 English I: Intro to Literary Genre
- 1120 English II: World Literature
- 1130 English III: American Literature
- 1135 Accelerated English III
- 11450 Brave New Worlds: Utopian and Dystopian Futures
- 11470 Adventure Literature
- 11480 Music and Memory: Poetry and Personal Memoir
- 1150 Storyteller’s Workshop (Sage Connected)
- 11800 AP English Literature & Composition (*)

**HISTORY AND SOCIAL STUDIES**
- 2110 Patterns of Civilization
- 2125 Modern World History
- 2130 United States History
- 21430 Current Issues in the Modern World
- 21460 Ethics and Political Philosophy
- 21700 Principles of Business
- 21720 AP Art History (*)
- 21750 AP World History (*)
- 21810 AP United States History (*)
- 21820 AP American Government (*)
- 21840 AP Psychology (*)
- 21840 AP Economics (*)

**MATHEMATICS**
- 3110 Algebra I
- 3120 Geometry
- 3130 Algebra II
- 3131 Accelerated Algebra II
- 3140 Precalculus
- 3141 Accelerated Precalculus
- 3150 Calculus
- 3160 Statistics
- 31800 Advanced Topics in Mathematics
- 31810 AP Statistics (*)
- 31820 AP Calculus AB (*)
- 31830 AP Calculus BC (*)
- 31950 Financial Literacy (Sage Connected)
- 31960 Calculus C
- 31980 Multivariable Calculus
- 61800 AP Computer Science (*)

**SCIENCE**
- 4120 Chemistry
- 4125 Accelerated Chemistry
- 4150 Organic Chemistry
- 41300 Biology
- 41350 Accelerated Biology
- 41400 Marine Science
- 41440 Engineering
- 41660 3D Design, Modeling and Fabrication (Sage Connected)
- 41800 AP Chemistry (*)
- 41810 AP Biology (*)
- 41820 AP Physics 1 (*)
- 41825 AP Physics 2
- 41830 AP Physics C: Electricity and Magnetism (*)
- 41840 AP Environmental Science (*)

**PHYSICAL HEALTH AND WELLNESS**
- 8152 Sage R1
- 8155 Sage Yoga
- 8177 Sage Strong

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.

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Typical Schedule by Grade Level 2020–2021

The matrix below represents the typical progression of courses for a student. Students have been seen in their schedules in the sixth and seventh years, one single topic must be Physical Health. All students must carry a minimum of five (5) courses from the various disciplines. If an upper level student elects to take a sixth or seventh course, an effort will be made to accommodate the request.

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(*) All students enrolled in an AP class are required to take the accompanying AP exam.

In order to be eligible to apply to the University of California and the University of the State of New York, students must have completed a year of Geometry either prior to, or at Sage Hill School.

Courses that appear in bold are awarded an additional 1.0 to the Sage Hill grade point equivalent.