



EPISCOPAL
HIGH SCHOOL

**REGISTRATION GUIDE
AND COURSE CATALOGUE**
2024 – 2025

The Mission of Episcopal High School

Episcopal High School, founded and guided by the Diocese of Texas, is an inclusive and joyful Christian community where students discover and develop their individual talents through the Four Pillars--academics, arts, athletics, religion--preparing for meaningful lives in service to others.

Guiding Principles

EHS provides a strong college-preparatory education, instilling excellence in the Four Pillars- academics, arts, athletics, and religion- in which each student is both challenged and nurtured, known and loved.

1. An institution of the Diocese of Texas, EHS operates within the beliefs and traditions of the Episcopal Church; furthermore, without compromising its underlying faith, traditions, and practices, the School acknowledges and respects the variety of religious experiences among its faculty, staff, and students.
2. EHS emphasizes the development of sound character, integrity, and personal honor; consequently, in every aspect of a student's experience, EHS instills the virtues of honesty, best effort, respect for self and others, fair play, appreciation of diversity, and service to the community. Students are expected to exercise good judgment, to show concern for themselves and the community, and to value the opportunity to attend EHS.
3. EHS is a joyful community in which students are inspired to seek new opportunities, to pursue personal growth, to develop leadership skills, and to identify and develop their talents and passions in each of the Four Pillars.
4. Without regard to race, religion, or social/economic background, EHS admits qualified and motivated students with a wide range of interests and talents, creating a diverse community of students who contribute to the School and benefit from the experience.
5. Supporting diversity as an essential component of a quality education that encourages respect for and empowerment of the individual and rejects stereotypes and prejudices, EHS broadens the educational experience of all students.
6. EHS recruits, sustains, and appropriately compensates a faculty and staff of the highest academic and moral standards who are fully committed to the School's mission and who will instill excellence in the Four Pillars. Faculty and staff are expected to be attentive role models. Respect and personal honor, reflected in daily attitudes and behaviors, are expected of those who belong to, serve, and support the EHS community.
7. Understanding the importance of the School/family relationship, EHS provides parent education and volunteer opportunities so that parents can be a healthy presence in and a lifelong part of the School community. Parents need to be vigilant, cooperative, and eager to honor and assist the School's efforts, endeavors, and spirit, adhering to all School expectations.

The Purpose of this Guide

The *Registration Guide and Course Catalogue* is intended to provide information pertinent to the “Big Picture” of a student’s high-school career, particularly in meeting the goal of graduating with the appropriate credits to prepare each student for attending college.

Students will meet with their advisors individually to fill out an online registration form, which will then be available for your review online. Before your student meets with their advisor, use this guide to review the courses that your student has taken previously and the ones that he or she will need to take to prepare for graduation and for the college-application process. To help you with this process, a Graduation Requirements worksheet is included on page 12.

Note: Final determination of course availability will be made by the school.

Graduation Requirements

Subject	Required Credits	Length of Study
English	4 Credits	8 Semesters
Mathematics	3 Credits	6 Semesters
Science	3 Credits	6 Semesters
History	3 Credits	6 Semesters
World Languages	2 Credits	4 Semesters
Religion	2 Credits	4 Semesters
Arts	2 Credits	4 Semesters
Health & PE	1 Credit	2 Semesters
Other Electives	3 Credits	6 Semesters
TOTAL	23 Credits	46 Semesters

Episcopal High School's graduation requirements form a foundation upon which students may build individual transcripts that will make them attractive to the colleges they would like to attend. Therefore, the graduation requirements represent a **minimum requirement**. For example, virtually all EHS students take a full four years of mathematics, science, and history, even though only three years in each of these subjects is required. Also, most EHS students take many more Arts classes than the four semesters (2 credits) required for graduation. Any courses taken beyond the minimum requirement in any subject help fulfill the "**Other Electives**" requirement of 3 credits, or 6 semesters.

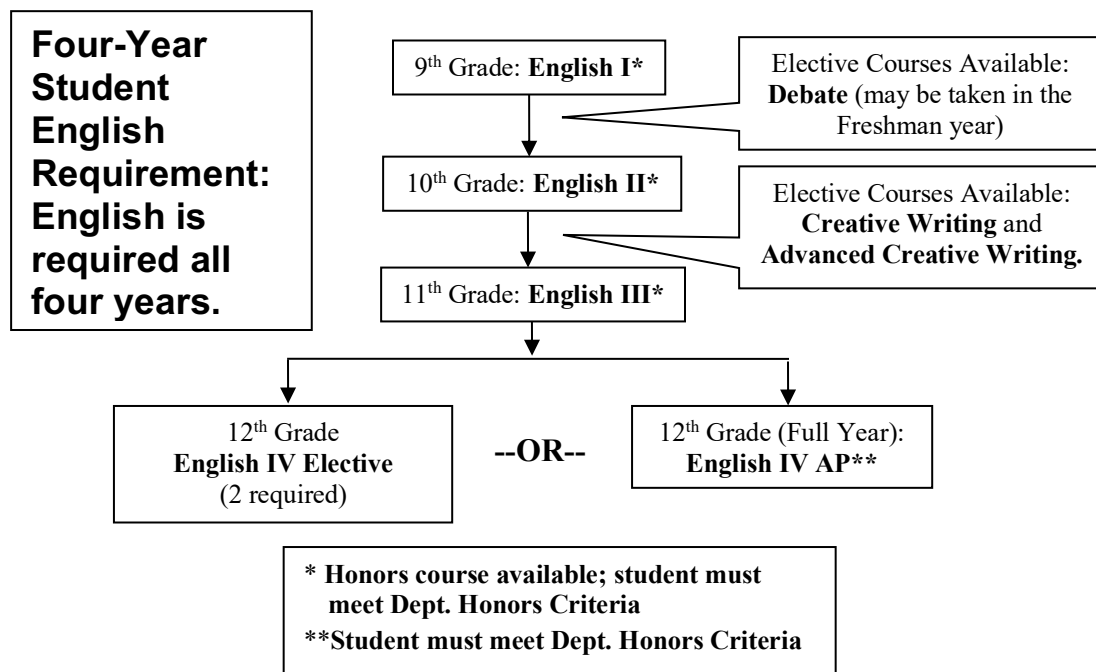
Each year, particularly the senior year, students must take a **minimum of four courses** from the English, Mathematics, Science, History and World Languages curricula.

The minimum graduation requirements allow students to elect a free period each semester of their four years at EHS. A free period is just that: a period when students are not required to be in a class. Free periods are not supervised, although there are designated places on campus where students are allowed to go. Most students use free periods to study and do homework, but if they want to do other things, they may. The philosophy behind free periods is to teach students how to manage their time appropriately and to learn the consequences of not effectively using the time they have.

Although the graduation requirements allow for free periods during each year students are enrolled at EHS, the more students go beyond the minimum graduation requirements, the fewer free periods they have room for in their schedules. As a result, most students do not take free periods until their junior or senior year.

English Requirement

English is required during each of the four years of high school. The progression of classes is **English I**, **English II**, **English III**, and **English IV**. During the sophomore, junior, or senior year, **Creative Writing** and **Advanced Creative Writing** are available as electives, counting in the graduation requirements as one of the “**Other Electives**.” **Creative Writing** classes may also be counted as fulfilling an Arts requirement; however, they cannot fulfill both requirements concurrently. **English IV** consists of two semester elective classes, one in the fall and one in the spring. The choices for these courses are **Short Fiction**, **African-American Voices**, **War Fiction**, **Ancient Greek Theater**, **Crime Literature**, **Science Fiction**, and **Shakespeare**. Honors and Advanced Placement courses are available to students who meet the Department’s Honors Criteria.



Mathematics Requirement

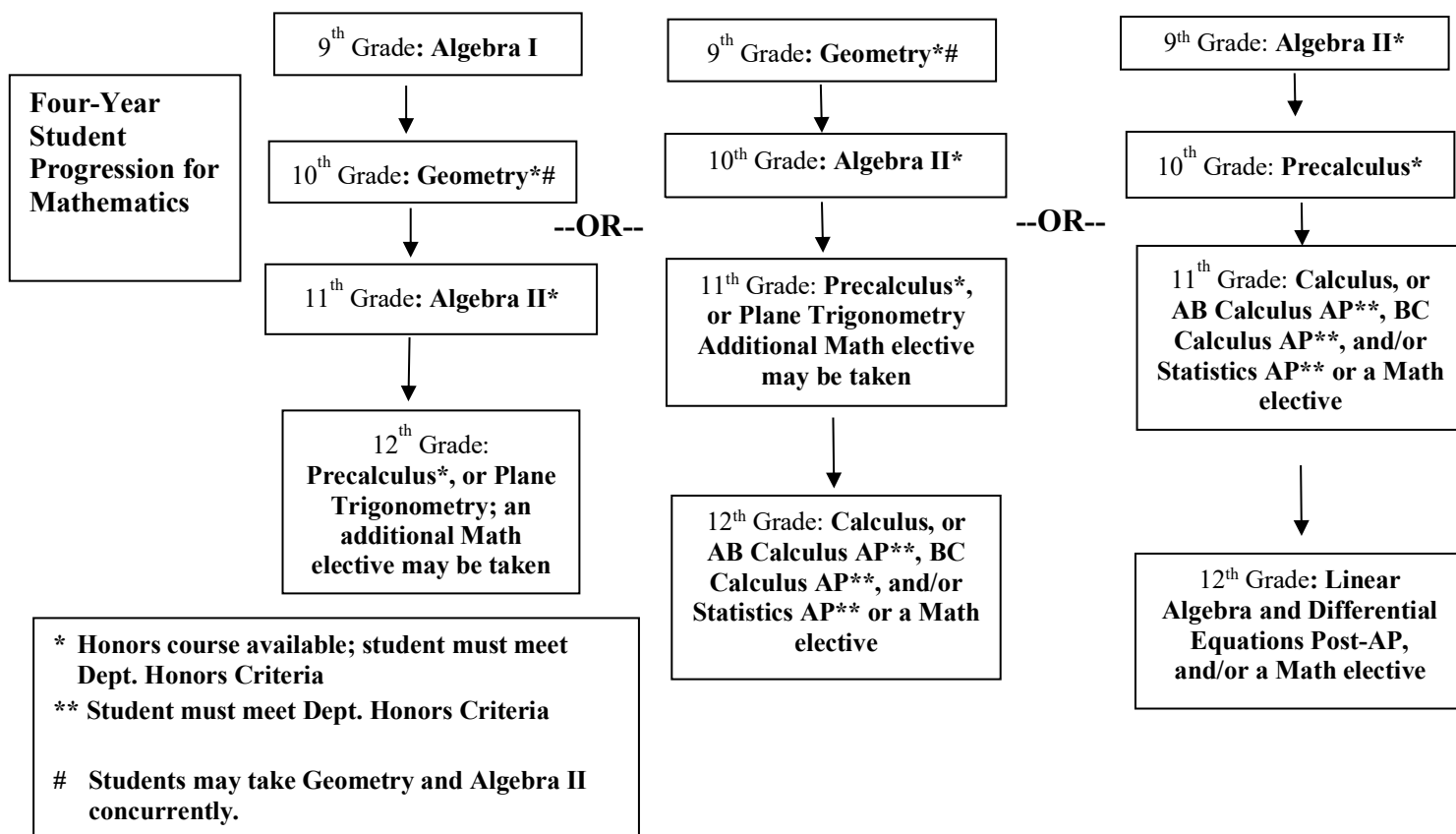
The **Mathematics** requirement is fulfilled when a student receives credit for taking three mathematics classes **while in high school** (generally **Algebra I**, **Geometry**, and **Algebra II** unless the student successfully completed any of these courses in middle school requiring them to take additional math courses in high school).

Those students who pass **Algebra I** in middle school will begin with **Geometry** and progress as outlined below (contingent upon Placement Test). Those students who pass **Algebra I** and **Geometry** in middle school will begin with **Algebra II** and progress as outlined below (contingent upon Placement Test).

After completing **Algebra II**, students may take either **Precalculus** or **Plane Trigonometry** (and an additional **Math Elective concurrently**). Beyond **Plane Trigonometry**, students may take **Finite Mathematics** or **Precalculus**. Beyond **Precalculus**, available courses include **Calculus**, **AB Calculus AP**, **BC Calculus AP**, **Statistics AP**, and **Linear Algebra and Differential Equations Post-AP**.

In some circumstances requiring Math Department approval, sophomores may be able to take **Geometry** and **Algebra II** concurrently to allow them to reach Calculus by their senior year.

All courses taken beyond the third year of mathematics in high school will count toward the graduation requirements in the “**Other Electives**” category.

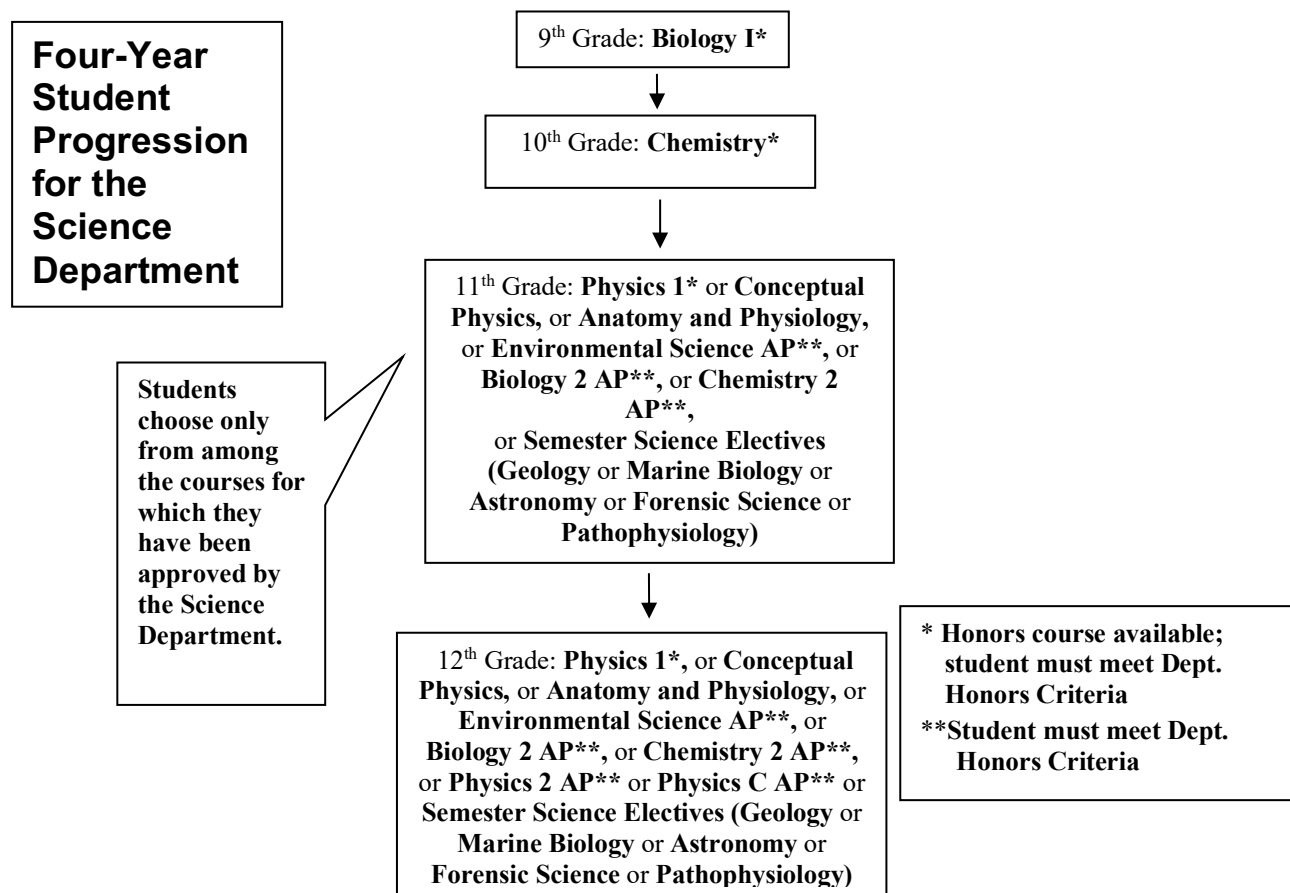


Science Requirement

The **Science** requirement is fulfilled when a student takes **Biology 1**, **Chemistry 1**, and one physics-based science course from among the following: **Conceptual Physics**, **Physics 1**, or **Physics 1 Honors**.

The many choices available in the sciences are intended to fulfill the diverse needs of EHS's varied student body. The options available to students are governed by student choices, as well as placement by the Science Department. The Department strives to give students options for courses in which they can succeed, based upon their aptitude. For example, **Conceptual Physics**, rather than the more mathematically intensive **Physics 1** course, is offered to those students who think more conceptually and are not planning on an engineering career.

Any course taken beyond the third year of science will count toward the graduation requirements in the "**Other Electives**" category.



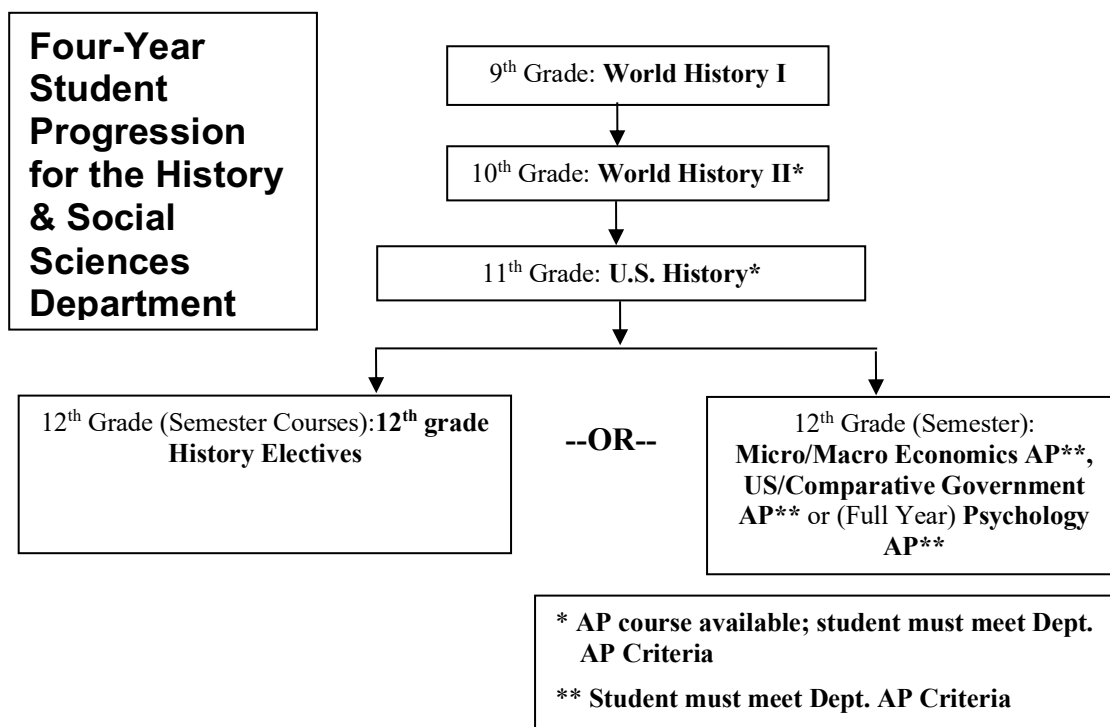
History and Social Sciences Requirement

The **History and Social Sciences** requirement is fulfilled when a student receives credit for **World History and Geography I**, **World History and Geography II**, and **U.S. History**. After completing **U.S. History**, students may choose from among many semester electives, including **Art History**, **American Cultural History**, **World War II**, **Economics**, **Psychology I and II**, **U.S. Government**, **Comparative Government**, and **History of Western Culture and Belief**. Each of these courses counts toward the “**Other Electives**” graduation requirement.

One-semester Advanced Placement courses in **Comparative Government AP**, **Microeconomics AP**, **Macroeconomics AP**, and **U.S. Government AP** are offered. Also available are yearlong courses in **Psychology AP**, **U.S. History AP**, and **World History AP**. In order to take these Advanced Placement courses, students must be approved by the Department and must meet the Department Honors Criteria.

These courses also fulfill the additional requirement that students, particularly seniors, take a minimum of four courses from among those offered by the English, Mathematics, Science, History and Social Sciences, and World Languages Departments.

Note that **Art History** is also listed as a course option in the Visual Arts Department. **Art History** cannot count as both an arts elective and one of the “**Other Electives**,” instead, it can count as one or the other, whichever is needed by the individual student. Note that **History of Western Culture and Belief** is also listed as a course option in the Religion Department. It will count as a history elective only for seniors who have already filled the junior religion requirement with **World Religions**.

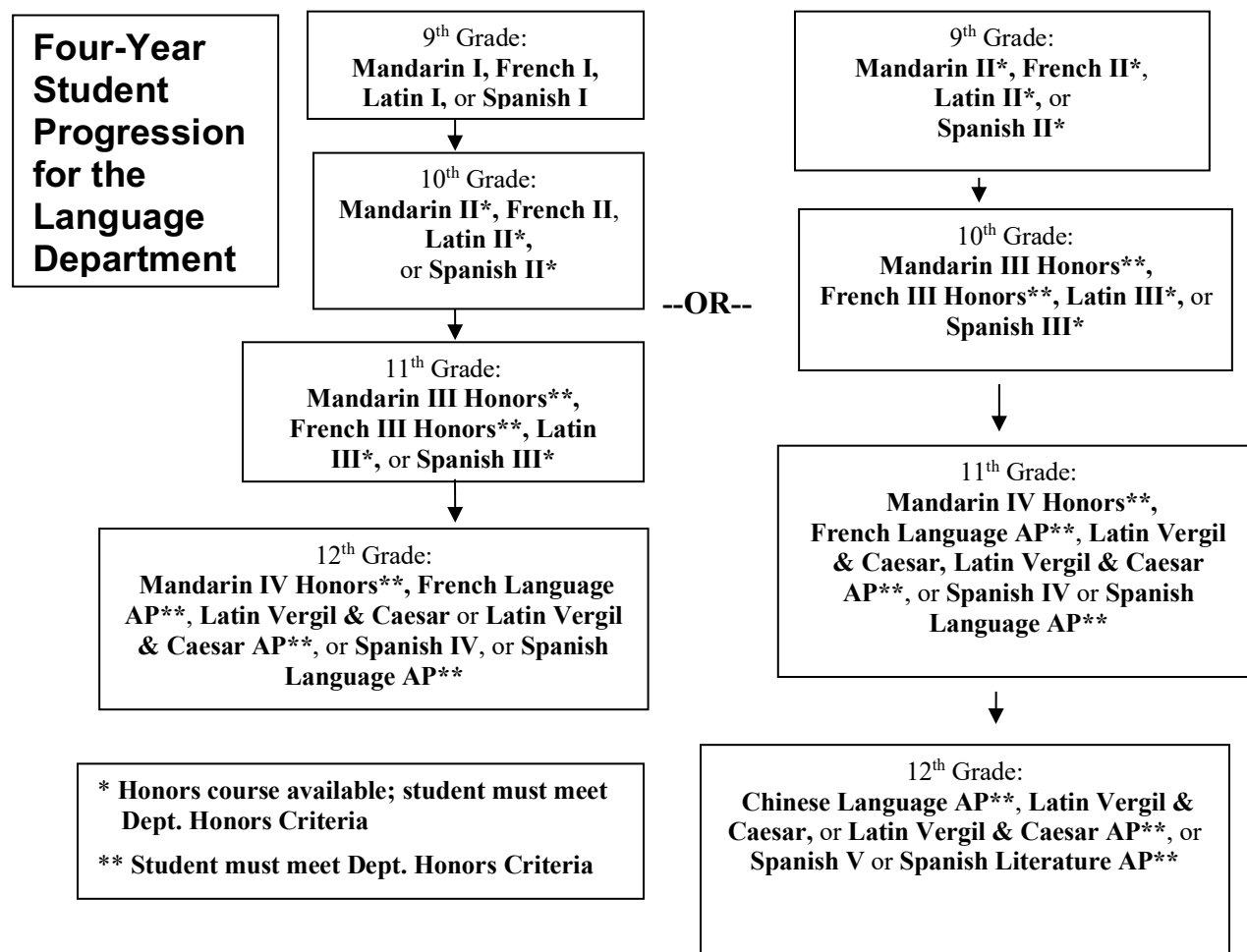


World Languages Requirement

To fulfill the **World Languages** requirement, a student must take two years of the same world language at Episcopal High School. Episcopal High School offers study in Mandarin, French, Latin, and Spanish. Additional study beyond the second year of any language counts toward the requirement in the “**Other Electives**” category.

Advanced Placement courses are offered in each language. To take the Advanced Placement courses, students must be approved by the Department and meet the Department Honors Criteria.

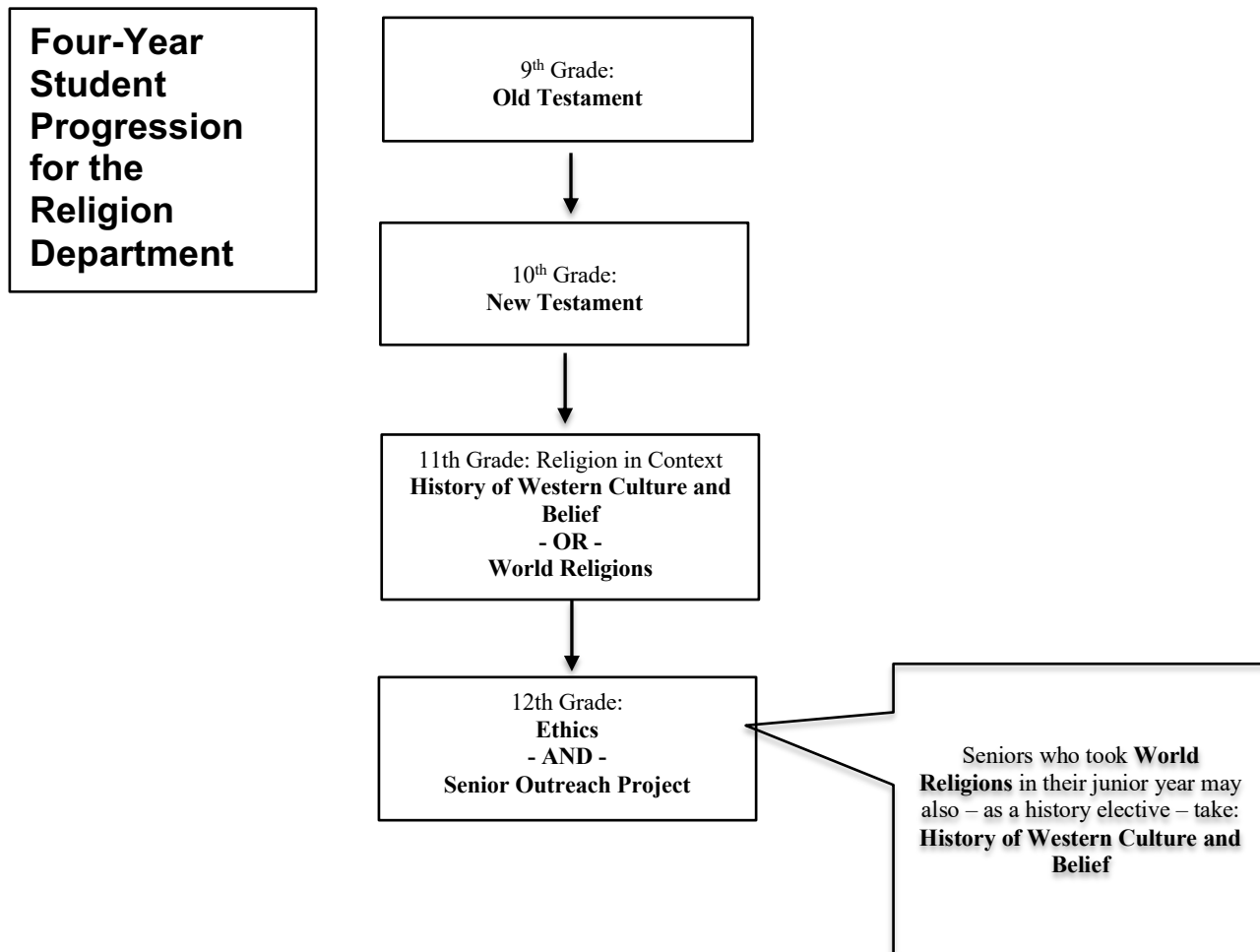
Students may begin study at the second level or third level of a language if they demonstrate mastery of the first levels by passing the appropriate language proficiency exams.



Religion Requirement

Students must take one semester of Religion each year to fulfill the **Religion** graduation requirement. It does not matter which semester (fall or spring) the Religion course is taken.

Freshmen take **Introduction to the Old Testament**, and sophomores take **Introduction to the New Testament**. Juniors have a choice of either **History of Western Culture and Belief: Christianity in a World Context** or **World Religions**. All seniors take **Ethics** and must complete the **Senior Outreach Project** successfully. Seniors may take **History of Western Culture and Belief** as a History elective if they took **World Religions** in their junior year.



Performing and Visual Arts Requirement

Students must take four performing and/or visual arts courses in order to meet graduation requirements. An arts course does not need to be taken each semester, but students are encouraged to take at least one per year.

Courses from the following programs satisfy the arts requirement: dance, theatre, music, studio arts, media arts, publications, creative writing, or debate. Students may take electives in one program area or in a variety of program areas. All students are encouraged to go beyond the requirement and explore the exciting variety of offerings. Any courses taken beyond the requirement will fulfill the “Other Electives” graduation requirement.

This is a list of introductory courses in the Arts Pillar that do not require prerequisites or faculty pre-approval to join:

- Acting Essentials
- Animation
- Beginning Photography
- Broadcast Journalism (KEHS Knight Vision News)
- Beginning Ceramics
- Choir
- Computer Music
- Dance Essentials
- Debate
- Drawing
- Intro. to Guitar
- Intro. to Brass or Woodwind
- Mixed Mediums in Art
- Moviemaking
- Musical Theatre Preparation
- Painting
- Sculpture
- Speech
- Stagecraft: Lighting and Sound
- Stagecraft: Scene Construction
- Street Dance

The following courses may also be taken without prior experience in an arts program but require an application and/or instructor approval:

- Newspaper
- Yearbook

Please see the descriptions for these courses in the charts for the individual departments.

A student who has enrolled in eight semesters of dance over the four years of high school, including Advanced, Repertory, or Impact, may choose to satisfy the one-semester wellness requirement through dance per approval of the Arts and Athletic Pillar Heads during the spring of the junior year.

Wellness Department Requirement

One semester of **Health** and one semester of **Physical Education, Wellness, Yoga, or Strength and Conditioning** are required to fulfill the **Health and Physical Education** requirement. **Health** must be taken by the end of the sophomore year but it is recommended that students take **Health** during their freshman year. Only these courses will satisfy the requirement, even if the student is an athlete playing on a sports team or a dancer in a dance troupe. Seniors may register for Wellness, Yoga, or Strength and Conditioning but not Physical Education.

Introduction to Sports Medicine is also offered as an “**Other Elective**” that will count toward graduation requirements. **Physical Education, Wellness, Yoga, Strength and Conditioning**, and **Introduction to Sports Medicine** may be repeated.

A student who has enrolled in eight semesters of dance over the four years of high school, including Advanced, Repertory, or Impact, may choose to satisfy the one-semester wellness requirement through dance per approval of the Arts and Athletic Pillar Heads during the spring of the junior year.

Computer Requirement

Throughout their four high-school years, the integrated use of laptop computers in their classrooms will teach students the skills necessary for word processing, creating spreadsheets and databases, and using the Internet. Therefore, no formal courses must be taken to satisfy a graduation requirement for computing. **However, we strongly encourage interested students, particularly those eager to explore problem-solving, to review and select courses from the Computer Science offerings.**

Courses in Computer Science are offered that may count toward the “Other Electives” requirement. See page 19 for a listing of Computer Science courses offered.

Graduation Requirements Worksheet

Use the following worksheet to keep track of your student's progress toward graduation. This worksheet follows only the minimum graduation requirements; most students will take additional courses not recorded on this worksheet.

English: <input type="checkbox"/> English I Grade: _____ <input type="checkbox"/> English II Grade: _____ <input type="checkbox"/> English III Grade: _____ <input type="checkbox"/> English IV: 1 st Sem. Grade: _____ <input type="checkbox"/> English IV: 2 nd Sem. Grade: _____	Religion: <input type="checkbox"/> Old Testament Grade: _____ <input type="checkbox"/> New Testament Grade: _____ <input type="checkbox"/> Junior-level Religion Grade: _____ <input type="checkbox"/> Ethics Grade: _____ <input type="checkbox"/> Senior Outreach
Mathematics: <input type="checkbox"/> Algebra I Grade: _____ <input type="checkbox"/> Geometry Grade: _____ <input type="checkbox"/> Algebra II Grade: _____ <input type="checkbox"/> 3 rd Math Course Grade: _____ _____	Arts: <input type="checkbox"/> 1 st Course Grade: _____ _____ <input type="checkbox"/> 2 nd Course Grade: _____ _____ <input type="checkbox"/> 3 rd Course Grade: _____ _____ <input type="checkbox"/> 4 th Course Grade: _____ _____
Science: <input type="checkbox"/> Biology I Grade: _____ <input type="checkbox"/> Chemistry Grade: _____ <input type="checkbox"/> Physics Course Grade: _____ _____	Other Electives: <input type="checkbox"/> 1 st Course Grade: _____ _____ <input type="checkbox"/> 2 nd Course Grade: _____ _____ <input type="checkbox"/> 3 rd Course Grade: _____ _____ <input type="checkbox"/> 4 th Course Grade: _____ _____ <input type="checkbox"/> 5 th Course Grade: _____ _____ <input type="checkbox"/> 6 th Course Grade: _____ _____
History & Social Sciences: <input type="checkbox"/> World History I Grade: _____ <input type="checkbox"/> World History II Grade: _____ <input type="checkbox"/> US History Grade: _____	
World Languages: Language Studied: _____ <input type="checkbox"/> 1 st Level Language Grade: _____ <input type="checkbox"/> 2 nd Level Language Grade: _____	
Health and Physical Education: <input type="checkbox"/> Health Grade: _____ <input type="checkbox"/> Physical Education Grade: _____ Course (P.E., Wellness, Yoga, or Strength & Conditioning)	

Course Catalogue

The following tables list the courses offered by each department for the 2024 – 2025 school year.

English Department

Title	Credit	Who May Take	Description	Prerequisites
English I	Full Year	Freshmen	Thematic study of literature exploring identity and what it means to be human; close reading, discussion, and analysis of multiple types of literature; foundation for writing essays of literary analysis; introduction to library reference materials and research skills; grammar, mechanics, usage, and vocabulary instruction.	None
English I Honors	Full Year	Freshmen	Same as English I, except for additional more advanced reading and writing assignments.	English Dept. Honors Criteria
English II	Full Year	Sophomores	Thematic study of literature exploring the multiple ways in which success is defined, identified, and achieved; emphasis on writing essays of literary analysis; introduction to the literary research paper; introduction to the personal essay; grammar, mechanics, usage, and vocabulary instruction.	D- or better in English I
English II Honors	Full Year	Sophomores	Same as English II, except for additional more advanced reading and writing assignments.	English Dept. Honors Criteria
English III	Full Year	Juniors	Thematic study of literature exploring power and questioning the many ways in which it can be wielded; emphasis on writing essays of literary analysis, mastery of literary research skills, and writing the literary research paper; mastery of personal essay writing; grammar, mechanics, usage, and vocabulary instruction; development of elements of style and voice in writing.	D- or better in English II
English III Honors	Full Year	Juniors	Same as English III, except for additional more advanced reading and writing assignments.	English Dept. Honors Criteria
English IV AP	Full Year	Seniors	Emphasis on the careful reading and critical analysis of American, British, and world literature; instruction and practice in writing expository, analytical, and argumentative essays about literature, emphasizing advanced elements of style.	English Dept. Honors Criteria
English IV: Short Fiction	Semester	Seniors	Students in short fiction are tasked with reading, discussion, and written analysis of short works that emphasize the theme of the search for self. The course is designed to explore how the genre of short fiction differs from that of other types of literature and to study the stories in an effort to understand what it means to be human. Close reading and analytical writing emphasized.	D- or better in English III

English Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
English IV: African-American Voices	Semester	Seniors	Through a selection of African-American poetry, drama, fiction, and nonfiction involving characters who reside outside of mainstream society in some way, we will explore a number of issues, including the conflict between the emerging individual and the interests of society; the effects of slavery, racism, and the past on the individual, the family, and the community; the search for identity; and the roles of the self and the other. Close reading and analytical writing emphasized.	D- or better in English III
English IV: War Fiction	Semester	Seniors	An exploration of the power of words expressed through various perspectives of those who find beauty and life in the midst of tragedy and death. The unique voices will offer a harrowing and vivid reflection of the humanity beneath the wreckage of war. Close reading and analytical writing emphasized.	D- or better in English III
English IV: Ancient Greek Theater	Semester	Seniors	Students will explore Ancient Greek Drama and comedy with an emphasis on Athenian concepts of politics, race, and identity. Additionally, via a sampling of films, songs, music videos, ads, and other media, the course will explore Ancient Greek Theatre's omnipresent (and often fabulous!) positioning in 21 st American and World cultures. Close reading and analytical writing emphasized.	D- or better in English III
English IV: Science Fiction Literature	Semester	Seniors	An exploration of science fiction literature with an emphasis on representations of identity, technology, and politics from the genre's origins in the mid-19 th Century to the present. Focus on close reading and analytical writing.	D- or better in English III
English IV: Shakespeare	Semester	Seniors	A seminar designed for the engaged and invested EHS senior, this course will explore a selection of Shakespeare's comedies, histories, tragedies, and romances as well as some of his lyric and dramatic poetry. Students will explore Shakespeare's drama and poetry with an emphasis on Elizabethan gender, class, politics, race, and identity as well as 21 st Century manifestations of those same ideas. Close reading and analytical writing emphasized.	D- or better in English III
English IV: Crime Literature	Semester	Seniors	Is <i>CSI</i> one of your favorite shows? Do you enjoy movies with suspense? Do you watch true crime documentaries on <i>Netflix</i> ? If so, this is the class for you, because we will navigate and explore stories (some real and some fictional) involving crime, punishment, and justice. We will approach the texts with similar techniques that crime scene investigators and detectives apply to examine crime scenes. Close reading, image analysis, and analytical writing will be emphasized.	D- or better in English III

English Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Creative Writing	Semester	Sophomores, Juniors, Seniors	A course that offers students a chance to experiment with writing in various forms including fiction, personal narrative, and poetry. Contemporary literature used to discuss the writing process. (Counts as an elective credit only; does not satisfy senior English requirements. May be used to satisfy an Arts requirement.)	English I
Advanced Creative Writing	Semester	Sophomores, Juniors, Seniors	More specific and focused study of various literary forms including fiction, personal narrative, and poetry. Includes reading assignments from contemporary literature. (Counts as an elective credit only; does not satisfy senior English requirements. May be used to satisfy and Arts requirement.) Course may be repeated.	Creative Writing

Honors Criteria for the English Department

The English Department offers an honors curriculum in English I, II, and III and an Advanced Placement curriculum in English IV. Students are selected for the honors program based upon the following criteria and/or considerations: standardized test scores; a strong performance in prior English classes; a generally strong school record; and a demonstrated ability to communicate clearly and logically in written work, as evidenced by samples of their writing.

Mathematics and Computational Sciences Department

Title	Credit	Who May Take	Description	Prerequisites
Algebra I	Full Year	Freshmen	Algebra of real numbers, with technology-reinforced emphasis on functions; evaluating, simplifying, and factoring polynomial, rational, and radical expressions; solving and graphing linear and quadratic equations and inequalities; solving related story problems; exploring dependency relations; studying function families (linear, quadratic, exponential) and their transformations as well as looking at multiple representations.	Middle school Pre-Algebra
Algebra I Honors	Full Year	Freshmen	Accelerated and deeper conceptual study of Algebra I topics, with emphasis on mastery of linear and quadratic functions.	Middle school Pre-Algebra (preferably Honors level) verified with Placement Test plus Dept. Honors Criteria
Geometry	Full Year	Freshmen, Sophomores	Plane, solid, and coordinate geometry, with emphasis on inductive and deductive reasoning, spatial visualization, pictorial representation, problem-solving, and using technology.	Algebra I (if taken in Middle School, verified with Placement Test)
Geometry Honors	Full Year	Freshmen, Sophomores	Accelerated and deeper conceptual study of geometry topics, with emphasis on deductive reasoning and formal proof.	Appeal with A- or better in 9 th Grade Algebra I, plus A- or better on Mid-year Exam, or B- or better in Algebra I Honors, or Middle school Algebra I Honors or equivalent (verified with Placement Test), plus Dept. Honors Criteria
Algebra II	Full Year	Freshmen, Sophomores, Juniors	Review and extension of Algebra I; algebra of real and complex numbers, with technology-reinforced emphasis on functions; evaluating, simplifying, and factoring polynomial, rational, radical, exponential, and logarithmic expressions; solving and graphing related equations, inequalities, and systems of equations; solving related story problems.	Geometry, or Middle school Algebra 1 and middle school Geometry (verified with Placement Test) <i>(A student may take Algebra II and Geometry concurrently with Dept. approval.)</i>

Mathematics and Computational Sciences Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Algebra II Honors	Full Year	Freshmen, Sophomores, Juniors	Accelerated and deeper conceptual study of Algebra II topics, with emphasis on applications, derivation, and proof.	<p>Appeal with A- or better in Geometry, plus A- or better on Mid-year Exam,</p> <p>or</p> <p>B- or better in Geometry Honors,</p> <p>or</p> <p>Middle school Algebra 1 Honors and middle school Geometry Honors or equivalent (verified with Placement Test),</p> <p>plus</p> <p>Dept. Honors Criteria</p> <p><i>(A student may take Algebra II and Geometry concurrently with Dept. approval.)</i></p>
Plane Trigonometry	Full Year	Juniors, Seniors	Introduction to the basic concepts of trigonometry, with emphasis on applications; designed for students who have not completed Precalculus and intend to pursue a non-technical field in college.	Algebra II, or Dept. recommendation
Finite Mathematics (Mathematics of Finance)	Full Year	Juniors, Seniors	Review and extension of Algebra topics, including exponential and logarithmic functions, focusing on the mathematics of finance, with an emphasis on applications and technology to prepare students for introductory college mathematics; designed as a follow-on course for students who have completed Plane Trigonometry or as an elective for other students.	Algebra II, or Dept. recommendation <i>(May not be substituted for Precalculus or Plane Trigonometry as first post-Algebra II course but may be taken concurrently.)</i>
Precalculus	Full Year	All Students	Trigonometry, elementary analysis, and discrete mathematics, with technology-reinforced emphasis on functions; prepares students for college-entrance exams, Calculus, and college mathematics.	B- or better in Algebra II, or B- or better in Plane Trigonometry, plus Dept. recommendation
Precalculus Honors	Full Year	All Students	Accelerated and deeper conceptual study of Precalculus, with emphasis on applications, derivation, and proof; preparation for Calculus AP.	<p>Appeal with A- or better in Algebra II, plus A- or better on Mid-year Exam,</p> <p>or</p> <p>B- or better in Algebra II Honors,</p> <p>plus</p> <p>Dept. Honors Criteria</p>

Mathematics and Computational Sciences Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Calculus	Full Year	Sophomores, Juniors, Seniors	Topics from differential and integral calculus, with technology-reinforced emphasis on functional analysis; prepares students for entry-level calculus in college.	B- or better in Precalculus, plus Dept. recommendation
AB Calculus AP	Full Year	Sophomores, Juniors, Seniors	Comparable to college-level, first-semester course in differential and integral calculus with applications; prepares students for the Advanced Placement Calculus AB exam.	A- or better in Precalculus, or B- or better in Precalculus Honors, or Calculus, plus Dept. Honors Criteria
BC Calculus AP	Full Year	Sophomores, Juniors, Seniors	Comparable to college-level, first- AND second-semester courses in differential and integral calculus with applications; prepares students for the Advanced Placement Calculus BC exam.	A- or better in Precalculus Honors, plus Dept. Honors Criteria
Statistics AP	Full Year	Sophomores, Juniors, Seniors	Introductory college-level course in statistics, with emphasis on experimental design, collecting data, addressing assumptions, selecting appropriate statistical tests, explaining conclusions drawn, and using technology; course requires use of writing and critical-thinking skills; prepares students for the Advanced Placement Statistics exam.	Algebra II Honors or Precalculus Honors, or B- or better in Algebra II or Precalculus, or B- or better in Plane Trigonometry, plus Dept. recommendation <i>(May not be substituted for Precalculus or Plane Trigonometry as first post- Algebra II course but may be taken concurrently.)</i>
Linear Algebra and Differential Equations Post-AP	Full Year	Juniors, Seniors	Comparable to college-level introductory courses in linear algebra and differential equations with MATLAB: matrix analysis, vector spaces, solutions to algebraic linear equations, dimension, eigenvalues, eigenvectors of a matrix, determinants, diagonalizability, quadratic forms, inner product spaces, solutions to ordinary differential equations and their properties (including existence, uniqueness and stability), initial value problems and their applications in science, engineering and economics.	B- or better in BC Calculus AP, plus Dept. Honors Criteria

Mathematics and Computational Sciences Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Introduction to Computer Science	Full Year	All Students	Students will learn about coding as they write interactive programs in languages such as Java, Python, and Scratch. They will learn about basic structures and standard algorithms as they create computer programs that solve a variety of different problems. Topics include computer hardware/software, digital circuits, data structures, micro-processing, conversion of analog data to digital data, object-oriented design, history of computers, media computation, open-source programming, and responsible usage of computer systems. Prepares students to take both Computer Science Principles AP and Computer Science AP courses.	Algebra I, or Concurrent enrollment in EHS Algebra I Honors
Computer Science Principles AP	Full Year	All Students	This course introduces students to the central ideas of computer science, inviting students to develop the computational thinking vital for success across multiple disciplines. The course fosters innovation and encourages students to apply creative processes when developing computational artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. Prepares students for the Advanced Placement Computer Science Principles Exam.	C- or better in Algebra 1 or successful completion of EHS Algebra I Honors, plus one of the following: (1) a Computer Science credit, (2) a non-credit online preparatory course, (3) credit by exam, (4) concurrent enrollment in an Honors Math course, or (5) Dept. recommendation
Computer Science AP	Full Year	Sophomores, Juniors, Seniors	Comparable to college-level, first-semester course in computer science; emphasizes object-oriented programming methodology; prepares students for the Advanced Placement Computer Science A Exam.	Introduction to Computer Science, or Computer Science Principles AP, or Instructor approval
Projects in Computer Science Post-AP	Full Year	Sophomores, Juniors, Seniors	This advanced course provides students with opportunities to develop software in a dynamic group environment. In the first semester, students study topics from intermediate and advanced college-level courses and use advanced technologies such as data structures, relational databases, SQL, Python, Java, and web technologies. In the second semester, students work on technologically complex (semi-professional) projects that make significant contributions to the School's academic pillar, to the Technology Department, or to the larger community such as mobile phone applications, web sites, or databases.	Instructor approval

Honors Criteria for the Mathematics & Computational Sciences Department

Placement in honors mathematics courses, Calculus AP, and Linear Algebra and Differential Equations Post-AP is appropriate for students who have demonstrated in past courses their exceptional aptitude for, effectiveness and efficiency in, and motivation toward studying mathematics at a *rigorous* and *abstract* level. Successful honors students innately think conceptually and thrive on the faster pace, deeper treatment, and theoretical nature of honors courses. They quickly and easily learn symbolic mechanics and procedures (the focus of regular-level mathematics courses); and they strive, through mathematical proof and derivation (the focus of honors-level courses), to understand the "why," in addition to the "how," of mathematics. Because of this difference in focus between regular and honors-level courses, earning an **A**, even a high one, in a regular course usually ***does not*** itself make honors placement appropriate for students. Honors students usually show their preparedness to study successfully at the honors level through a coherent and consistent demonstration of exceptional standardized test scores (**quantitative and mathematics stanines of 7 or above**) and mathematics course grades; strong recommendations from past teachers; and strong records of work completion, problem-solving creativity and persistence, personal responsibility in the learning process, and intellectual curiosity.

Science Department

Title	Credit	Who May Take	Description	Prerequisites
Biology 1	Full Year	Freshmen	Investigation of traditional first-year topics: comparative phylogenetic study of invertebrates, vertebrates, and plants, with emphasis on biochemistry, cellular structure, and genetics.	None
Biology 1 Honors	Full Year	Freshmen	Advanced exploration on the cellular level of Biology 1 concepts, including an in-depth study of biochemistry, genetic engineering, and photosynthesis/respiration. This course emphasizes inquiry-based learning through enhanced laboratory and analytical assignments.	See Dept. Honors Criteria below
Chemistry 1	Full Year	Sophomores	Investigation of traditional first-year topics from a modeling approach through the use of mathematics, analysis, and laboratory experiences. Topics include properties of matter, atomic structure, quantum mechanics, chemical reactions, stoichiometry, gas laws, solutions.	Biology 1
Chemistry 1 Honors	Full Year	Sophomores	Expansion of Chemistry 1, using greater depth of analysis, applying more extensive and complex calculations, and exploring a wider breadth of topics, including oxidation and reduction, kinetics, equilibrium, and bonding. Application and expansion of Algebra 2 Honors concepts.	B- or better in Biology 1 Honors or appeal with an A in Biology 1; see Dept. Honors Criteria below.
Conceptual Physics	Full Year	Juniors, Seniors	Investigation of traditional first-year topics with an emphasis on concepts, rather than mathematical analysis. Topics include mechanics, electrostatics, electricity, magnetism, heat, waves, sound, and light.	Must have completed Biology 1 and Chemistry 1; Dept. recommendation
Physics 1	Full Year	Juniors, Seniors	Investigation of all traditional first-year topics through the use of mathematics, analysis, and laboratory experiences. Topics include mechanics, heat, electrostatics, electricity, magnetism, waves, sound, and light.	B- or better in Chemistry 1; Dept. recommendation
Physics 1 Honors	Full Year	Juniors, Seniors	Expansion of Physics 1 topics using more intense mathematics, analysis, and laboratory experiences with an emphasis on problem-solving and critical-thinking skills. Topics include mechanics, rotational motion and universal gravitation, heat, electrostatics, electricity, magnetism, waves, sound, light, and optics.	B- or better in Chemistry 1 Honors or appeal with an A in Chemistry 1; see Dept. Honors Criteria below
Anatomy and Physiology	Full Year	Juniors, Seniors	Study of the form and functions of the human body, including the muscular, skeletal, nervous, endocrine, circulatory, respiratory, digestive, and reproductive systems, and topics in histology.	Must have completed Biology 1 and Chemistry 1

Science Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Introduction to Engineering	Full Year	Juniors, Seniors	As a science elective course developed by a team of University of Texas faculty in collaboration with NASA engineers and secondary education specialists, this course engages students in authentic engineering practices in a project-based environment. Students will work in a team setting collaborating on projects including design, data-based standards and safety regulations, redesign based on requirements, proto-type construction and testing, team coordination and delegation, production processes and cost analysis. (Does not qualify as a NCAA approved course.)	Must have completed Biology 1 and Chemistry 1; concurrent enrollment in or completion of one or more EHS computer science courses
Environmental Science AP	Full Year	Juniors, Seniors	College-level course that investigates principles, concepts, and methods needed to understand the interrelationships of the natural world. Topics include earth systems and resources, ecology, population, land and water use, energy resources and consumption, pollution, and global change.	B- or better in Chemistry; see Dept. Honors Criteria below
Biology 2 AP	Full Year	Juniors, Seniors	College-level course involving detailed investigations of all the major areas of modern biology, with a special focus on the molecular and chemical basis of life, including biochemistry, cellular biology, enzymes, energy transformation, genetics and molecular biology, adaptation, botany, zoology and ecology.	B- or better in Chemistry; see Dept. Honors Criteria below
Chemistry 2 AP	Full Year	Juniors, Seniors	College-level course involving detailed investigations of all the major areas of modern chemistry with a special focus on the theoretical aspects of chemistry in addition to the content of general chemistry courses. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics and the basic concepts of thermodynamics are presented in considerable depth.	B- or better in Chemistry 1 Honors; see Dept. Honors Criteria below
Physics 2 AP	Full Year	Seniors	College-level course that explores extended topics in physics and uses extensive mathematical and theoretical modeling. Topics include interference, wave/particle duality, mass/energy, atomic physics, fluid dynamics, thermodynamics, and electromagnetic induction.	B- or better in Physics 1 Honors; see Dept. honors Criteria below

Science Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Physics C AP	Full Year	Seniors	College-level course intended to provide exposure to the equivalent material to the first year of calculus-based college physics. The broad topics areas are Mechanics, and Electricity and Magnetism. Besides reviewing all appropriate content from Physics I Honors, extended topics will include circular motion, rotational dynamics, RC circuits, electromagnetic induction, Faraday's Law, Lenz's Law and Maxwell's equations.	B- or better in both Physics 1 Honors; see Dept. Honors Criteria below; concurrent enrollment in AP Calculus (AB or BC)
Geology	Semester	Juniors, Seniors	Study of minerals, igneous, sedimentary, and metamorphic rocks; geological formations; the changes affecting the earth's crust; and plate tectonics. Lab activities include specimen identification, correlation, contour lines, and general mapping skills.	Must have completed Biology 1 and Chemistry 1
Marine Biology	Semester	Juniors, Seniors	Study of the marine environment, oceanography, marine diversity (survey of marine plants and animals), and marine ecology. Lab exercises will be conducted to emphasize laboratory skills, proper technique, safety, report writing, and analysis.	Must have completed Biology 1 and Chemistry 1
Astronomy	Semester	Juniors, Seniors	Study of stellar and planetary motions, the development of stellar objects, and evolutionary models of the Universe. Students who take astronomy should be aware of the history, the key information, and the current developments in astronomy at such a level that they are able to comprehend current articles in the popular press.	Must have completed Biology 1 and Chemistry 1
Forensic Science	Semester	Juniors, Seniors	An inquiry-rich hands-on course that focuses on the practices and analysis of physical evidence found at a crime scene, Forensic Science is the application of chemistry, physics and biology. This course is a practical way for students to apply the scientific process introduced in previous science courses.	Must have completed Biology 1 and Chemistry 1
Pathophysiology	Semester	Juniors, Seniors	Introduce processes of disease to students who may be interested in entering a health career field or are generally interested in bodily functions and response to disease. It involves the study of physiological function that results from disease processes. Pathology is the branch of medical sciences that treats the essential nature of disease, especially the changes of structure and function in tissues and organs of the body that cause or are caused by disease. Interested students are recommended to take Anatomy & Physiology prior to taking this course.	Must have completed Biology 1 and Chemistry 1

Honors Criteria for the Science Department

To succeed in the science honors program, a student should be self-motivated and capable of self-directed study. In addition, he/she should be able to independently integrate and organize concepts previously addressed in mathematics and science into new applications and problems; to work independently or in small groups to solve complex problems through analysis, calculations, and experimentation; and to use inductive reasoning in analyzing data and evaluating the validity of results.

Common considerations for placement in an honors or AP science course are standardized test scores—including reading comprehension scores—and Department recommendations, based upon performance in previous science and math courses. The EHS placement exam in science is a key consideration when placing freshmen in Biology I Honors. Students currently taking on-level science courses who are appealing to take an Honors Science course must (1) hold and maintain an A average in their current core science course; (2) pass the appropriate math proficiency test.

History and Social Sciences Department

Title	Credit	Who May Take	Description	Prerequisites
World History & Geography I	Full Year	Freshmen	A survey of the development of the world's cultures from prehistory to the 13th century, with an emphasis on the study of the world's major geographical regions	None
World History & Geography II	Full Year	Sophomores	A survey of the development of the world's cultures from the 13th century to the present, with an emphasis on the study of the world's major geographical regions	World History & Geography I
World History AP	Full Year	Sophomores	An advanced survey of World History in which students develop a greater understanding of the evolution of global processes in interaction with different types of human societies from across the globe; follows Advanced Placement curriculum.	World History & Geography I; Dept. AP Criteria
U.S. History	Full Year	Juniors	A survey covering early years of exploration through post-Cold War era, with emphasis on development of American political system and culture.	World History & Geography I & II
U.S. History AP	Full Year	Juniors	An advanced survey covering early years of exploration through post-Cold War era, with emphasis on development of American political system and diplomatic, military, and cultural history; follows Advanced Placement curriculum.	World History & Geography I & II; Dept. AP Criteria
Art History	Semester	Sophomores, Juniors, Seniors	This course surveys Western art from prehistoric times through Modernism, with a focus on either figure sculpture or sacred architecture, depending on the semester. Students will learn to analyze artworks and buildings within their cultural, historical, and religious contexts. Throughout the semester, there will be opportunities to go on field trips to see local examples of famous artworks and buildings. Students will come away with a greater appreciation of Houston's art and architecture, as well as a deeper understanding of the evolution of Western art across time. Course may be used to satisfy an Arts requirement. Materials fee: \$100	World History & Geography I
Economics	Semester	Juniors, Seniors	A survey of microeconomic and macroeconomic principles, including basic economic concepts, current economic events, measures of economic performance, supply and demand, money and monetary policy, function of the markets, and the US role in global markets.	World History & Geography II
Micro Economics AP	Fall Semester	Seniors	A course that follows the AP Microeconomics curriculum; this course focuses on the nature and functions of product markets, the functions of individual decision-makers, price determination, and economic growth, with special attention to the functions of investment markets.	Algebra II; U.S. History; Dept. AP Criteria
Macro Economics AP	Spring Semester	Seniors	A course that follows the AP Macroeconomics curriculum; this course focuses on the nature and functions of product markets, national income and price determination, and international economics, with special attention to the functions of investment markets.	Algebra II; U.S. History; Dept. AP Criteria

History and Social Sciences Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
American Cultural History	Semester	Juniors, Seniors	This course will explore clothing as a historical lens through which the material culture of modern American society can be viewed. Beginning in the late 19th century, this course will examine what clothing can tell us about trade, class, industry, revolution, identity, and globalization. The goal of this course is to understand how material culture has played a fundamental role in shaping the lives of the American people.	World History & Geography I & II
Psychology I	Semester	Juniors Seniors	A course designed to introduce students to the subject of psychology with a focus on the following topics in the field of psychology: History and Science of Psychology, Biological Bases of Psychology, Sensation and Perception, Variations of Consciousness, Memory, and Social Psychology.	None
Psychology II	Semester	Juniors Seniors	A course designed as a continuation of Psychology 1 which will include the following topics: Intelligence and Psychological Testing; Sensation and Perception; Development Across the Life Span; Personality, Motivation and Emotion; Language and Thinking; Psychological Disorders and Treatment.	Psychology I
Psychology AP	Full Year	Seniors	A course which introduces students to the systematic and scientific study of the behavior and mental processes of humans and other animals; follows the AP curriculum. <u>Psychology I and II are NOT prerequisites.</u>	Dept. AP Criteria
U.S. Government	Semester	Juniors Seniors	A survey of American government and politics with an emphasis on the federal government; relationships among federal, state, and local governments; and the roles, effects, and influences of non-governmental institutions on the governing process. Students will focus on current events related to the role the US government plays in society.	World History & Geography II
U.S. Government AP	Semester	Seniors	A survey of the development of American government and politics; explores the topics of the US government course but with a greater emphasis on the philosophy of government; follows the AP curriculum.	U.S. History; Dept. AP Criteria
Comparative Government	Semester	Juniors Seniors	A course which offers students a detailed examination of what it means today to be a “nation”; explores particular nations for examples of other types of governments, such as communism, parliamentary democracy, federal republic, constitutional monarchy, dictatorship, etc. and studies the impact of globalization. The governments studied in the course will vary from year-to-year based on current world events.	World History & Geography II
Comparative Government and Politics AP	Semester	Seniors	A course which introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings and aims to illustrate the rich diversity of political life; follows the AP curriculum.	U.S. History; Dept. AP Criteria

History and Social Sciences Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
History of Western Culture and Belief	Semester	Seniors	<p>The exploration of the historical growth of Christianity, and the way it has influenced politics, exploration, education and culture, its relationship with other religions, and the relationships between Christian denominations from 200 C.E. through modernity.</p> <p>This is the same course that is an option in fulfillment of the Junior Religion Requirement. Students who took World Religions instead, as juniors, may now take this course as a "History Elective" in their senior year.</p>	Freshmen, sophomore, and junior Religion requirement; senior year enrollment in Ethics
World War II	Semester	Juniors, Seniors	An exploration of the causes, course, and consequences of the Second World War. Students will undertake a study of the war through an examination of the social, cultural, economic, technological, and political influences that led to and resulted from this enormously impactful, cataclysmic conflict.	World History & Geography II

AP Criteria for the History and Social Sciences Department

The History and Social Sciences Department offers AP curricula in the following courses: World History, U.S. History, Psychology, Government, and Economics. Placement in AP courses is based upon a strong school record; performance in prior history classes; History teacher recommendations; and clear, logical written communication, as evidenced by samples of written work.

World Languages Department

Title	Credit	Who May Take	Description	Prerequisites
Mandarin I	Full Year	All students	Introduction to high school-level Mandarin that emphasizes listening, speaking, reading and writing; and examines Chinese culture and history.	None
Mandarin II	Full Year	All students	An extension of Mandarin I, with an emphasis on more complex sentence structures and vocabulary.	D- or better in Mandarin I; or Dept. recommendation
Mandarin II Honors	Full Year	All students	Same as Mandarin II, with emphasis on increasing students' speaking and writing skills.	A- or better in Mandarin I; Dept. Honors criteria, Dept. recommendation
Mandarin III Honors	Full Year	All students	Refinement of speaking, listening, reading, and writing skills. Continued emphasis on vocabulary, Chinese culture and history, idiomatic expressions, and the arts. Requires advanced reading and writing assignments.	B or better in Mandarin II Honors; Dept. Honors criteria, recommendation
Mandarin IV Honors	Full Year	All Students	An advanced course that reinforces speaking, listening, reading and writing skills. Emphasis on vocabulary and grammar, plus an introduction to Chinese literature.	B or better in Mandarin III Honors; Dept. Honors criteria, recommendation
Chinese Language AP	Full Year	All Students	A college-level course with emphasis on fluency and accuracy in advanced linguistic concepts, further enhancement of reading, writing, listening and speaking skills in preparation for the Chinese Language Advanced Placement exam.	A- or better in Mandarin III Honors; B or better in Mandarin VI Honors; and Dept. recommendation
French I	Full Year	All students	Introduction to high school-level French that emphasizes listening, speaking, reading, and writing and examines the francophone culture, following a thematic approach.	None
French II	Full Year	All students	An extension of French I, with emphasis on complex sentence structures and a variety of tenses.	D- or better in French I; or Dept. recommendation
French III Honors	Full Year	Sophomores, Juniors, Seniors	Refinement of speaking, listening, reading, and writing skills with an in-depth review of grammar, preparing students for more advanced reading and writing assignments. Emphasis on the study of vocabulary, idioms/expressions, history, literature, and art.	B or better in French II Honors; Dept. recommendation
French Language and Culture AP	Full Year	Sophomores, Juniors, Seniors	A college-level course exploring culture in contemporary and historical contexts. Emphasis on fluency and accuracy in advanced linguistic concepts; further reading, writing, listening, and speaking in preparation for the French Language Advanced Placement Exam.	B or better in French III Honors; Dept. Honors Criteria and recommendation

World Languages Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Latin I	Full Year	All students	An introduction to high-school level Latin with emphasis on acquiring vocabulary, understanding basic grammar and reading. Students find out about daily life in Pompeii and the Roman Empire.	None
Latin II	Full Year	All students	A course that builds on Latin I, with more emphasis on complex grammatical constructions and vocabulary. Introduction to Roman history and culture in preparation for advanced readings.	D- or better in Latin I
Latin II Honors	Full Year	All students	Same as Latin II, but requires more translation of advanced readings.	A- or better in Latin I or Dept. recommendation
Latin III	Full Year	All students	A course designed to review grammar, build vocabulary, and develop skill in translating the works of Catullus, Horace, Ovid and other authors.	C- or better in Latin II; or Dept. recommendation
Latin III Honors	Full Year	All students	An intensive course designed to prepare students for Advanced Placement in the following year. Students will review grammar, build vocabulary, and develop superior skill in comprehending and translating the works of Catullus, Horace, Ovid, Cicero and Livy.	A- or better in Latin II; B or better in Latin II Honors; Dept. recommendation
Latin Vergil & Caesar	Full Year	Sophomores, Juniors, Seniors	A course designed to develop skill in translating and appreciating works of Vergil and Caesar.	C- in Latin III and Dept. recommendation
Latin Vergil & Caesar AP	Full Year	Sophomores, Juniors, Seniors	A challenging course designed to achieve competency in translating and appreciating the poetry of Vergil and the prose of Caesar.	A- in Latin III; B or better in Latin III Honors; and Dept. recommendation
Spanish I	Full Year	All students	Introduction to high-school level Spanish that emphasizes listening, speaking, reading and writing, and examines Hispanic culture following a thematic approach.	None
Spanish II	Full Year	All students	Builds on basic language skills of speaking, writing, reading and listening that began in Spanish I. Provides a foundation in the language, with a continued emphasis on more complex sentence structure, grammar and culture.	D- or better in Spanish I or Dept. recommendation
Spanish II Honors	Full Year	All students	Same as Spanish II, but includes additional, more advanced activities that reinforce reading, writing, speaking and listening skills.	A- or better in Spanish I; Dept. Honors Criteria, recommendation
Spanish III	Full Year	All students	Development of listening, reading, and writing skills through a range of authentic materials. Focus on the use of communication strategies in the target language, building connections between previously learned and current skills, and introduction to more complex language topics.	C- or better in Spanish II; Dept. recommendation

World Languages Department (continued)

Title	Credit	Who May Take	Description	Prerequisites
Spanish III Honors	Full Year	All students	Same as Spanish III, but requires additional, more advanced reading and writing assignments. Emphasis on study of Latin American and Spanish vocabulary, idioms/expressions, history, humor, literature, poetry, drama, and art.	A- or better in Spanish II; B or better in Spanish II Honors; Dept. Honors Criteria and recommendation
Spanish IV	Full Year	Sophomores, Juniors, Seniors	Class is conducted entirely in the target language. Skills and content learned in previous levels are expanded with emphasis on independent learning, skill-application in simulations of real-world contexts, and a broader understanding of cultures in the Spanish-speaking world.	C- or better in Spanish III; Dept. recommendation
Spanish V: Society & Culture Through Film	Full Year	Sophomores, Juniors, Seniors	An advanced course using a wide variety of films from Latin America and Spain to help students continue to improve communications skills in Spanish (speaking, reading and writing). The course is intended to deepen the student's knowledge of society and cultures throughout various regions. Class also engages in critical analysis of films as an art form.	B or better in Spanish IV; Dept. recommendation
Spanish Language AP	Full Year	Sophomores, Juniors, Seniors	A college-level course with emphasis on fluency and accuracy in advanced linguistic concepts; further enhancement of reading, writing, listening, and speaking skills in preparation for the Spanish Language Advanced Placement exam. Survey of Latin American and Spanish authors.	A- or better in Spanish III or IV; B or better in Spanish III/IV Honors; Dept. Honors Criteria and recommendation
Spanish Literature AP	Full Year	Juniors, Seniors	A college-level course with emphasis on study of Spanish and Latin American literature, culture, and history, in preparation for the Spanish Literature Advanced Placement exam.	B or better in Spanish Lang. AP; Dept. Honors Criteria and recommendation

Honors Criteria for the World Languages Department

The World Languages Department provides a rigorous curriculum in Mandarin, French, Latin, and Spanish. Students are placed in honors and AP courses according to their performance in previous language classes. To receive the Department's recommendation for honors placement, students must have superior skills in applying the target language, both oral and written, and demonstrate their interest and ability through high grades and consistent contributions to their classes. In placing freshmen in upper-level language classes and in honors classes, the Department also relies upon the EHS placement test in the target language.

Independent Study Program

Title	Credit	Who May Take	Description	Prerequisites
Independent Study	Semester	Juniors, Seniors	Independent Study courses provide an opportunity for students to explore in greater detail an area of interest not available in the standard courses available at EHS. As part of this program, students are asked to submit a proposal to the Director of the Independent Study program in which they explain the topic they wish to pursue, along with a description of the final project (which can be done in a variety of formats, such as a research paper, an experiment, an art collection, etc.). The student proposing the course of Independent Study must also have a faculty advisor who will serve as a consultant throughout the process. Projects will be presented at the end of the semester to a Faculty Committee (which will include the Associate Head of School, Director of Independent Study, the applicable Department Chair, and the faculty project advisor). The course will be graded on a Pass/Fail basis.	Director of Independent Study approval, Department approval, and Associate Head of School approval

Senior Academic Study Period

Title	Credit	Who May Take	Description	Prerequisites
Senior Academic Study Period	Semester	Seniors	Seniors who meet the following criteria may apply for an Academic Study Period, in addition to a free period, for one semester of senior year. The Senior Academic Study Period is designed to provide a choice for those seniors with a heavy academic load and an unusually heavy extracurricular commitment. They may choose the study period rather than taking an additional elective class during the school day. Students may want to check with their college counselors before applying for the study period and are encouraged to continue with any arts electives to which they have been committed, e.g. dance, theater, photography, chorale. Criteria: 1. Open to seniors only who have completed all arts and wellness requirements by the end of the junior year and are on track with religion requirements 2. Students must be taking five academic courses each semester of senior year, with a minimum of four honors or AP classes. 3. Students must apply and demonstrate academic need (e.g. participate in OnStage production and varsity sport in same season). 4. Students must remain on campus for the Academic Study Period.	Application, meet all of the criteria including the demonstrated need, and receive approval by the Principal

Religion Department

Title	Credit	Who May Take	Description	Prerequisites
<u>Freshman Requirement:</u> Old Testament	Semester	Freshmen	An exploration of stories, themes, and theology in the Old Testament, with emphases on biblical literacy, close reading, and spiritual/ethical reflection. The two guiding questions of the course are 1) What is the nature of God? 2) What is the nature of God's creation? Key concepts include sin, law, call, community, contrast, covenant, and the cycle of the plot of the Bible. Scriptural content includes texts from the Pentateuch, Joshua, Judges, 1&2 Samuel, and 1&2 Kings, as well as major and minor prophets.	None
<u>Sophomore Requirement:</u> New Testament	Semester	Sophomores	An exploration of New Testament texts and teachings, with emphases on biblical literacy, close reading in context, spiritual/ethical reflection, and basic scholarly exegetical skills. Key concepts include alienation and community, discipleship, incarnation, messianic expectation, and kingdom of God. Scriptural content includes texts from the four Gospels, the Acts of the Apostles, and selected epistles.	Freshman Religion Requirement
<u>Junior Requirement</u>	Semester	Juniors	<p>A study of religions and/or theologies in a cross-cultural context. Emphasis on comparison, analysis, and synthesis of ideas. Students may indicate a preference from the two course offerings:</p> <p>History of Western Culture and Belief: A study of theological concepts, combined with articulation of personal theological positions. Research on theologians and forms of religious expression in a world context. This course will cover key movements that have defined Christianity and reflect on the development of the Church.</p> <p>World Religions: Exploration of some of the most influential world religions; enhancement of religious literacy and cultural awareness; empathy towards a diversity of religious beliefs, cultures, and traditions. As a part of the course, students are required to visit an off-campus religious site that is not a part of their own religious background.</p>	Freshman & Sophomore Religion Requirements
<u>Senior Requirement:</u> Ethics	Semester	Seniors	A study and evaluation of the ethical systems of prominent philosophers and theologians, use of these ideas in the articulation of a personal ethical system, and applications to contemporary concerns.	Freshman, Sophomore, & Junior Religion Requirements
<u>Senior Requirement:</u> Senior Outreach	Pass/Fail	All Seniors must take	Senior Outreach is a required program during the first two weeks of January. During this time, students are scheduled to serve at non-profit organizations, learning about the needs of our neighbors.	Senior Standing
<u>Elective Offering:</u> History of Western Culture & Belief	Semester	Seniors	<p>A study of theological concepts, combined with articulation of personal theological positions. Research on theologians and forms of religious expression in a world context. This course will cover key movements that have defined Christianity and reflect on the development of the Church.</p> <p>This course is available as a History elective to seniors who chose to take World Religions in their junior year.</p>	Freshman & Sophomore Religion Requirements

Pastoral Mission of the Religion Department

The curriculum of the Religion Department is designed to help the students develop spiritually as they mature physically and intellectually. One course is taken each year to allow the faculty to interact with students as they mature in their thinking and questioning. This gradual progression over four years also helps to build a pastoral connection with the students. For these reasons, students are expected to take one religion course during each regular school year.

Performing Arts Department: Dance Program

Title	Credit	Who May Take	Description	Prerequisites
Dance Essentials	Semester	All students	A course exploring dance through ballet, modern, tap, and jazz terminology and execution, as well as study of dance history; requires attending and critiquing an EHS dance concert. The learning of choreography and footwork will also be demonstrated, inspiring and enabling interested students to progress into advanced level classes and ensembles. Course may be repeated.	None
Street Dance	Semester	All students	Through Hip Hop and other newer styles of dance, this course emphasizes the benefits of stretching and physical flexibility for athletic dexterity, and greater ease and efficiency of movement. Students learn fundamentals of dance and performance skills that push dancers to expand on their high energy, entertainment skills for teams and cheer. This course is designed for all dance levels to enjoy. Course may be repeated.	None
Intermediate Dance	Semester (*see note)	All students	Exploration of more advanced levels of ballet, tap, and jazz terminology and execution, continuation of the study of dance history. Requires attending and critiquing an EHS dance concert.	Dance Essentials and audition
Advanced Dance	Semester (*see note)	All students	Advanced-level study of ballet, tap, modern, jazz and contemporary terminology and execution, as well as study of dance history, choreography, and performance. Requirements: attending and critiquing an outside professional dance performance. Participation in the Fall Dance Concert and a full-year class enrollment is strongly encouraged.	Audition only
Repertory Dance	Full Year	All students	Acceptance to course based on high degree of competency in ballet, modern, jazz and contemporary techniques. Requirements: attending and critiquing an outside professional dance performance, participation in the Fall Dance Concert, commitment to a full year of study, some after-school and weekend rehearsals. Participation in the pre-season classes at the beginning of August is highly recommended, as these will provide an opportunity to integrate the ensemble and prepare for exciting new performing opportunities during the year. Course may be repeated.	Audition only
IMPACT Dance Ensemble	Full Year	All students	Advanced course with acceptance based on high degree of competency in ballet, modern, jazz and contemporary techniques. Requirements: attending and critiquing an outside professional dance performance, participation in the Fall Dance Concert, participation in pep rallies, commitment to a full year of study, some after-school and weekend rehearsals. Participation in the pre-season classes at the beginning of August is highly recommended, as these will provide an opportunity to integrate the ensemble and prepare for exciting new performing opportunities during the year. Course may be repeated.	Audition only

Performing Arts Department: Dance Program (continued)

Title	Credit	Who May Take	Description	Prerequisites
Musical Theatre Preparation	First Semester	All students	Offered in collaboration with the Theatre and Music programs, students will develop and hone skills in Broadway dance techniques, ensemble singing, and acting techniques related directly to the musical theatre genre. Course may be repeated. Note: Participation in this class does not guarantee a role in the spring musical.	None

*** Note: Full-year enrollment is strongly recommended. If only one semester is taken, it should be the first semester. Course may be repeated.**

****A student who has enrolled in eight semesters of dance over the four years of high school, including Advanced, Repertory, or Impact, may choose to satisfy the one-semester wellness requirement through dance per approval of the Arts and Athletic Pillar Heads during the spring of the junior year.**

Performing Arts Department: Music Program

Title	Credit	Who May Take	Description	Prerequisites
Choir	Full Year, (or one semester*)	All students	This class presents opportunities for choral singing, solos, and small group participation for those who love singing or who wish to discover more about it. Performances of a variety of styles occur throughout the year on- and off-campus, including trips and tours. Many choir students are also involved in other Arts, Athletics and Religion activities. The pre-season workshops (August 12-14) are highly recommended. No audition required. Course may be repeated.	None *one-semester option requires full participation in extra-curricular choir <i>Midnight Blues</i> the other semester
Computer Music	Semester	All students	This course provides students with an introduction and continuing development in techniques associated with the composition, production, and recording of music using a computer-based platform. Students learn to compose and create new music exclusively through digital means using professional audio software. In addition, students gain experience with recording techniques for more traditional acoustic performances and how these might be integrated into the digital platform. Students will be required to purchase materials at a cost of \$100. Course may be repeated.	None
Band	Full Year, or with instructor's approval, one semester only	All students	An instrumental ensemble that performs at football games, pep rallies, concerts, regional and state competitions, and Chapel events throughout the year. Participation in the pre-season workshops/rehearsals in early August is highly recommended, as these will provide an opportunity to integrate the ensemble and prepare for exciting new performing opportunities during the year. Course may be repeated.	Prior instrumental experience recommended
String Orchestra	Full Year	All students	A string ensemble that performs at concerts, regional and state competitions, and Chapel events throughout the school year. Required: full year of study. Participation in the pre-season workshops/rehearsals in August is highly recommended, as these will provide an opportunity to integrate the ensemble and prepare for exciting new performing opportunities during the year. Course may be repeated.	Prior instrumental experience recommended
Intro. to Guitar	Semester	All students	Class instruction, daily practice, and corresponding theory work; designed to develop or enhance guitar skills. Students must supply an acoustic or a classical guitar. Course may be repeated.	None

Performing Arts Department: Music Program (continued)

Title	Credit	Who May Take	Description	Prerequisites
Advanced Guitar	Semester	All students	A course for the advancing guitarist. This course will build on the skills learned in Intro. to Guitar and will have a stronger emphasis on electric guitar techniques and concepts. Students must supply their own electric guitar and ¼ inch cable. Course may be repeated.	Instructor's approval
Intro. to Brass or Woodwind	Semester	All students	Designed for any student wishing to try a new instrument or start again, this course will ideally feed students into a performing ensemble. Instruments include trumpet, trombone, French horn, tuba, euphonium, flute, saxophone, and clarinet. Course may be repeated.	None
Musical Theatre Preparation	Fall Semester Only	All students	Offered in collaboration with the Dance and Theatre programs, students will develop and hone skills in Broadway dance techniques, ensemble singing, and acting techniques related directly to the musical theatre genre. Course may be repeated. Note: participation in this class does not guarantee a role in the spring musical.	None

Performing Arts Department: Theatre Program

Title	Credit	Who May Take	Description	Prerequisites
Acting Essentials	Semester	All students	Students will begin an exploration of the craft of acting through physical and vocal techniques, imagination development, improvisation, practical script analysis, and scene study.	None
Advanced Acting	First Semester only	All students	Students will continue their exploration of the craft of acting through study of texts by Sophocles, Shakespeare, and Shaw with a focus on monologues.	Acting Essentials
Acting Repertory	Second Semester only	Juniors, Seniors	An upper-level advanced class that focuses on performance of short works and children's theatre. Course may be repeated.	Advanced Acting
MASQUE Acting Ensemble	Full Year	Juniors, Seniors	An upper-level advanced class that focuses on creating original work and performance. Over the course of the year students will create and perform three original pieces for performance in Chapel, and a minimum of two larger works for performance in the Black Box. Masque is the leadership group for the Theatre Program as a whole. Course may be repeated.	Advanced Acting
Directing for the Stage	Spring Semester only	All students	Students will spend the first six weeks studying fundamentals of stage direction including show selection, finding their artistic voice, visualization, working with designers, casting, staging, working with actors, managing the schedule, and tech rehearsal protocols. Students will cast and direct one act plays that they have selected for presentation at the end of the semester. Course may be repeated. Course may be repeated.	Advanced Acting
Musical Theatre Preparation	Fall Semester only	All	Offered in collaboration with the Dance and Music programs, students will develop and hone skills in Broadway dance techniques, ensemble singing, and acting techniques related directly to the musical theatre genre. Course may be repeated. Note: participation in this class does not guarantee a role in the spring musical.	None
Stagecraft: Scene Construction	Semester	All students	A study of technical theatre and production management with particular emphasis on scenic technologies, scenic construction, scenic design and prop design. Students work in a group setting to build their tool skills while assisting with current EHS Onstage productions. Course may be repeated.	None
Stagecraft: Lighting and Sound	Semester	All students	A study of technical theatre and stage management with particular emphasis on lighting technologies, lighting design, sound design, sound engineering and rigging and masking. Students work in a group setting to execute lighting and sound designs for EHS Onstage productions and maintain theatrical equipment. Course may be repeated.	None
Speech	Semester	All Students	Introductory course with emphasis on public speaking (development, organization, and delivery of four basic types of speeches), interpersonal and small-group communication, and drama-based oral presentation.	None

Performing Arts Department: Theatre Program (continued)

Title	Credit	Who May Take	Description	Prerequisites
Debate	Semester	All students	This course is designed to prepare students for interscholastic debate and speech tournaments. Participation in at least one of these events is a required element of the course. Students will be trained in research, writing, analytical skills, and the formal elements of debate. They will also learn the elements of other competitive events. This course is especially appropriate for students who enjoy political and current-event issues, those interested in philosophical and ethical issues, and students who aspire to careers requiring leadership and advocacy activities. (Counts as an elective credit only; does not satisfy senior English requirements. May be used to satisfy an Arts requirement.)	None
Advanced Debate	Semester	All students	This course builds upon debating and speaking skills. It prepares students for competition in interscholastic debate and speech tournaments at a higher level. The course requires more intensive research and teaches advanced delivery and performance skills. Participation in multiple tournaments is a required element of the course. (Counts as an elective credit only; does not satisfy senior English requirements. May be used to satisfy an Arts requirement.) Course may be repeated.	Debate and Instructor Approval

Visual Arts Department: Studio Arts Program

Title	Credit	Who May Take	Description	Prerequisites
Art History	Semester	Sophomores, Juniors, Seniors	This course surveys Western art from prehistoric times through Modernism, with a focus on either figure sculpture or sacred architecture, depending on the semester. Students will learn to analyze artworks and buildings within their cultural, historical, and religious contexts. Throughout the semester, there will be opportunities to go on field trips to see local examples of famous artworks and buildings. Students will come away with a greater appreciation of Houston's art and architecture, as well as a deeper understanding of the evolution of Western art across time. Materials fee: \$100	World History and Geography I
Drawing	Semester	All Students	This course introduces an expressive approach toward drawing that promotes the ability to closely observe one's environment, while learning to question the boundaries of what makes a good drawing. Students will learn to create successful compositions as they explore the basic skills of contour, gesture, value, and form through the use of wet and dry mediums, as well as digital imaging. No drawing skills required. Materials fee: \$100.00	None
Advanced Drawing	Semester	All Students	This course enables students who have demonstrated a working knowledge of contour, gesture, value, and form, to hone their technical skills as they develop more personal imagery in their work. Students will engage in a more inventive and expressive approach as they learn to expand and integrate advanced drawing techniques and concepts. Course may be repeated. Materials fee: \$100.00	Drawing
Painting	Semester	All Students	This class enables students to bring a personal expression into play as they hone the basic skills of painting and color theory. The course emphasizes both a traditional observational approach toward painting, as well as a more expressive use of a variety of paints, printmaking, and digital painting. The class will include an in-depth study of artist styles and approaches throughout the history of painting. Materials fee: \$100.00	None
Advanced Painting	Semester	All Students	This class allows students to further expand both their technical and conceptual skills in painting. Students will engage in hands-on projects designed to thoroughly explore and refine their knowledge of color theory, painting processes, and the integrity surface materials, while broadening their own personal style toward painting. The class will include an in-depth study of artist styles and approaches throughout the history of painting. Course may be repeated. Materials fee: \$100.00	Painting

Visual Arts Department: Studio Arts Program (continued)

Title	Credit	Who May Take	Description	Prerequisites
Beginning Ceramics	Semester	All Students	An introduction to the fundamental methods and techniques of Ceramics. Students create and complete pieces using the various processes to form and finish clay projects. Critical thinking and problem-solving are stressed. Materials fee: \$100.00	None
Advanced Ceramics	Semester	All Students	Further exploration of building techniques and methods, primarily focused on developing personal concepts and improving skills. Course may be repeated. Materials fee: \$100.00	Ceramics
Mixed Mediums in Art	Semester	All Students	In this course, students will create artworks using a variety of media and processes, including collage, printmaking, image transfer, and embroidery, while learning the fundamentals of design and composition. Critiques and exposure to famous artists and artworks are important components of the curriculum. Materials fee: \$100.00	None
Adv. Mixed Mediums in Art	Semester	All Students	In this course, students will create more complex images while expanding on the media and processes introduced in Beginning Mixed Media. Course may be repeated. Materials fee: \$100.00	Mixed Mediums in Art
Sculpture	Semester	All Students	In this course, students will create three-dimensional artworks using a variety of sculptural materials and processes, including cardboard, plaster, wire, and wood. Critiques and exposure to famous artists and artworks are important components of the curriculum. Materials fee: \$100.00	None
Advanced Sculpture	Semester	All Students	In this course, students will create more complex three-dimensional artworks while expanding on the media and processes introduced in Beginning Sculpture. Course may be repeated. Materials fee: \$100.00	Sculpture
Portfolio Development	Full Year	Juniors and Seniors	Portfolio Development is the capstone course offered within the Visual Arts Department and is intended for serious, dedicated art students. Students will be provided the guidance, time, and resources to build a portfolio of ten artworks (five per semester) in the medium/media of their choosing, using skills honed in previous art classes. During the fall semester, students will create five artworks in response to five different prompts, provided by the teacher. During the spring semester, students will create a series of five artworks that are related visually and thematically, based on an idea the student wants to explore. Course may be repeated. Materials fee: \$200.00 (\$100/semester)	Successful completion of three semesters of either Painting, Drawing and/or Mixed Media courses, one of which must be an Advanced-level course. Also, an application process and portfolio review with the instructor.

Visual Arts Department: Media Arts Program

Title	Credit	Who May Take	Description	Prerequisites
Moviemaking	Semester	All Students	Learn the crafts of cinematography, editing, and visual techniques to bring your story to life on screen and become a filmmaker. Whether it's a short film, a documentary, or a music video, by the end of this course students will be equipped with the skills to make a masterpiece. Materials fee: \$75.00	None
Intermediate Moviemaking: Storytelling	Semester	Sophomores, Juniors, Seniors	Make an audience laugh, cry, or jump out of their seats. In this class students learn how to tell amazing stories through watching films critically and actively shaping cinematic experiences. Use flashbacks, montages, and other advanced cinematic techniques to make incredible films to share with family and friends. Materials fee: \$75.00	Moviemaking
ETV: Advanced Moviemaking	Semester	Juniors, Seniors	A creative playground designed for upper-level students to create high-quality, original work. Over the course of the year, students produce two episodes composed of short films, music videos, documentaries, experimental films, and animations. ETV is the leadership group for the Moviemaking program. Course may be repeated. Materials fee: \$75.00	Moviemaking or Animation & Application process
Animation	Semester	All students	Learn the art and mechanics of how things move. Projects include creating flipbooks, stop-motions (using variety of materials - clay, LEGOs, paper), 2D computer animations, and rotoscopes (tracing pictures). Having confidence in drawing ability is helpful but unnecessary. Greater emphasis on drawing movement over drawing accuracy. Materials fee: \$75.00	None
Adv. Animation	Semester	Sophomores, Juniors, Seniors	Learn 3D animation, Hollywood-level visual effects, and more. Emphasis on learning AfterEffects and Cinema 4D to create visually spectacular, cinematic experiences. Course may be repeated. Materials fee: \$75.00	Moviemaking or Animation
Beginning Photography	Semester	All Students	Students will learn how film and digital cameras work in manual mode. Students will learn how aperture, shutter, film speed, and focal length work together to achieve correct exposure & specific photographic techniques. They will work in Photoshop on digital projects that require the blending of text and image. Students will learn to recognize major photographers and create photographs in the manner of specific photographers. Materials fee: \$275.00	None

Visual Arts Department: Media Arts Program (continued)

Title	Credit	Who May Take	Description	Prerequisites
Advanced Photography	Semester	All Students	This class focuses on the imaginative and conceptual aspects of photography. Students will be able to articulate concepts of several photographic genres and apply critique sessions and exhibition reviews. Digital tools learned: Adobe Photoshop & Lightroom. Course may be repeated. Materials fee: \$275.00	Beginning Photography
Alternative Processes in Photography	Semester	All Students	This class will focus on the combination of traditional photographic processes with digital technology (inkjet printers, scanners, digital & phone cameras) to create unconventional imagery. Assignments include making your own equipment, lenses or cameras, and sensitizing different materials for exposures. Course may be repeated. Materials fee: \$275.00	Beginning Photography
Photojournalism (Team Photo)	Full Year	Sophomores, Juniors, Seniors	Students are responsible for photography for the school newspaper, yearbook, and web page, as well as other school projects such as images for school brochures and publications. Course may be repeated. Materials fee: \$275.00	Advanced Photography, Application* Process and Instructor Approval

Visual Arts Department: Publications Program

Title	Credit	Who May Take	Description	Prerequisites
Yearbook <i>(The Hexagon)</i>	Full Year	All Students	Yearbook is a course dedicated to the creation of the school yearbook, <i>The Hexagon</i> , focusing on graphic design, page layout, organization of large amounts of data, scheduling and balancing many simultaneous tasks, editing, and meeting strict deadlines. Staffers must also commit to spending 8 days in a workshop at school in June. Course may be repeated.	Application* Process and Instructor approval
Newspaper <i>(The Knight Times)</i>	Semester or Full Year	All Students	Newspaper is a course dedicated to the creation of issues of the school newspaper, <i>The Knight Times</i> , focusing on journalistic writing, interviewing, gathering of facts and information, page layout and design, and meeting strict deadlines. Course may be repeated.	Application* Process and Instructor approval
Broadcast Journalism (KEHS/ Knightvision News)	Semester	All Students	Broadcast journalism is a course dedicated to the production and delivery of news to the EHS community via the school website in the form of newscasts, sportscasts and podcasts. Class instruction will focus on, but not be limited to, the process of gathering information, conducting interviews, writing, shooting, and editing stories, operating equipment, and meeting deadlines. Course may be repeated.	None

- Publications courses earn an Arts credit.

* Applications available online for rising Freshmen

Wellness Department

Title	Credit	Who May Take	Description	Prerequisites
Health	Semester	Freshmen, Sophomores	A basic course covering such topics as mental health, coping with stress, general nutrition, substance abuse, physical fitness concepts, and the development of good health habits.	None
Physical Education	Semester	Freshmen, Sophomores, Juniors	A course that stresses physical fitness, participation in team and individual sports, and exposure to unique recreational activities (fulfills the one-semester P.E. requirement). Course may be repeated.	None
Wellness	Semester	All Students	A strength-and-conditioning program that incorporates a variety of exercises and techniques to improve cardio, respiratory, and muscular conditioning (fulfills the one-semester P.E. requirement). Course may be repeated.	None
Yoga	Semester	Sophomores, Juniors, Seniors	This class will embark on a learning journey that challenges not just the body, but also the mind and spirit. It will acquaint the student with the history, development, branches, and practices of yoga. Emphasis will be placed on physical practice of individual postures, sets of postures, breathing, meditation, and relaxation techniques. Students will assess and reflect on their health and lifestyle. (fulfills the one-semester P.E. requirement). Course may be repeated.	None
Strength and Conditioning	Semester	All Students	Students will participate in a weightlifting and conditioning program that incorporates both free and machine weights, plyometrics, and agility drills.-The course is designed to improve the athletic performance of student athletes by becoming faster, stronger, more agile, and less susceptible to injury. This will be accomplished by learning and following proper and safe strength and conditioning principles and techniques. (Fulfills the one-semester P.E. requirement.) Course may be repeated.	Participation on an athletic team
Introduction to Sports Medicine	Semester	Sophomores, Juniors, Seniors	A course that teaches prevention, recognition, and treatment of athletic injuries; a good choice for those who are interested in careers in Sports Medicine or a related area of study. Course may be repeated.	Department approval

A student who has enrolled in eight semesters of dance over the four years of high school, including Advanced, Repertory, or Impact, may choose to satisfy the one-semester wellness requirement through dance per approval of the Arts and Athletic Pillar Heads during the spring of the junior year.