DIPLOMA REQUIREMENTS

4 English
4 Math (must include Algebra I, Algebra II, and Geometry)
4 Science (incl Biology and Chemistry)
4 Social Studies (incl World Civ., U.S. History, and U.S. Gov.)
2 Foreign Language
½ Health
½ P.E.
1 Humanities
4 Electives

24 Total (minimum units)

These courses exceed the requirements of the Kentucky Pre-College Curriculum.

Seniors who are short one credit may participate in graduation activities with the provision that they complete their course work during the summer, after which time they will be given their UHA diploma. Seniors who are short more than one credit may not participate in graduation activities.

Middle school students who take upper school classes may be given upper school credit if they attain a grade of B or better.

Admittance to sophomore standing will be based on successful completion of at least six (6) credits in the freshman year. Eleven (11) units must be completed to promote to junior class. Juniors must have completed seventeen (17) credits to receive senior class status.

All upper school students must take 5 classes per year. (Exceptions may be made for seniors who are taking 4 AP classes or are enrolled at Hopkinsville Community College).

Students should also consider requirements for entrance into universitites or colleges when making elective decisions during Upper School. Your school of choice or major area may require more Foreign Language, Science, Math, etc.

All students enrolling in an AP Course are required to take the exam in the spring and will be responsible for paying the $100 test fee. If the student receives a 3, 4, or 5 on the exam, they will receive college credit. Credit will be determined by the institution the student attends and may be elective or for a course with a different title than the AP course that was passed.

Applied and Fine Arts

The Fine and Applied Arts programing offers students the opportunity to develop and enhance their musical and artistic skills. Students in levels K-5 attend programming in both the Music department and Visual Arts department. Middle School students elect their programming in Music or Visual Art classes. Upper School Students are offered Choral Music, Drama, Humanities, Studio Art, or Photography / Media Production as electives. Upper School students are required to take one of these Humanities course before graduation.

CHORAL MUSIC (Middle and Upper School)
MS COURSE NUMBERS: ENR108 - Beginning Chorus (5^{th} & 6^{th}) ENR107 - Chorus (7^{th} & 8^{th})
US COURSE NUMBERS: HUM1003 – Advanced Chorus HUM1002 – Intermediate Chorus

Currently there are two performance based music offerings for middle and upper school students. Middle School Chorus is open to those students in grades 6-8 who wish to study and perform choral music. Upper School Choir is open to students in grades 9-12 who are ready for a rigorous program of study and performance in choral music. The program builds progressively from sixth through twelfth grades. Basic vocal production, development of choral sound, music reading and vocabulary, choral literature, ear training and sight-singing are the topics covered in the curriculum.

DRAMA (Upper School) COURSE NUMBER: HUM1001

Drama class provides students with an opportunity to delve into all aspects of the performance arts. Beginning with the history of drama and film from infancy to modern movie and television, the students both study and practice acting, speaking, set design, production, and costume design. Students also learn to warm up vocally, prepare a performance, mime, and improvise. Hands on projects are utilized through the year long course. The participation in the school performance, either behind the scenes or on stage, will be part of the course.

PHOTOGRAPHY/MEDIA PRODUCTION (Upper School) COURSE NUMBER: GEN1005

Local Photographer, Tony Kirves, teaches a comprehensive communications class that focuses on photography, radio / public address, and television production. First semester, students learn the basics of cameras, Photoshop, and photography. Students must have their own digital camera and be prepared to pay for prints. Second semester, students learn the skills of producing a morning newscast, The Blazer News, which is first presented on the public address system and later produced on video and broadcast into all the classrooms. This culminates in the production of a series of short video assignments including claymation and public service announcements.
Requirements: digital / video camera, printing costs & Junior / Senior

RELIGION AND PHILOSOPHY COURSE NUMBER: HUM1004

The Religion and Philosophy elective class focuses on studying the religions of various cultures throughout history, ranging from ancient Mesopotamia and Egypt to modern religious movements and schools of thought. This includes basic beliefs, common practices, traditions, art, and worldviews of each of the religions studied. This class is taught in a Humanities-style manner.

STUDIO ART (Upper School) COURSE NUMBER: HUM1006

This course features a comprehensive study and practice of art. First semester begins with learning and applying the elements and principles of design. Students use a variety of mediums to understand the use of line, color, shape, form, value, texture, etc. In the second semester, the focus is placed on evaluation of art and study of art history. Art is created throughout the class to illustrate techniques and periods of art.

VISUAL ART (Middle School) COURSE NUMBER: ENR103

Students practice the elements and principles of design through a variety of artistic projects. Students experiment with many different media. Great emphasis is placed on learning multiple techniques and applications with the media and on developing creativity.

English

The objective of the English program is to produce students who are proficient readers, writers, speakers, and listeners. The main goals of the program are to develop recognition of the value of effective communication and to appreciate, comprehend, and interpret all levels and forms of literature. Middle School students take two courses, Literature and GVC (Grammar, Vocabulary, and Composition) each year to accomplish these goals. Upper School students are required to take one English course every year.

MIDDLE SCHOOL ENGLISH REQUIREMENTS

GRAMMAR/VOCABULARY/COMPOSITION COURSE NUMBER: GVC601; GVC701; GVC801

This course teaches the basics of writing technique with great emphasis being placed on expanding vocabulary. Students practice proper grammar and create a wide variety of compositions from research to analytical to creative writings.

LITERATURE COURSE NUMBER: LIT601; LIT701; LIT801; ENG801

Literature exposes students to a wide variety of literary works. Through reading short stories, novels, poems, plays, and other works, students improve their comprehension and understanding of the world around them through the author's eyes. Focus is placed on writer's techniques, the parts of story, analysis of works, and enjoying the classics.

UPPER SCHOOL REQUIREMENTS AND ELECTIVES

ENGLISH I COURSE NUMBER: ENG1001

Literature instruction focuses on reading, developing vocabulary, and comprehending a broad variety of literary works (short stories, plays, novels, poetry, non-fiction, and mythology). Compostition creates opportunities to write for various audiences and to strengthen skills in writing for a variety of purposes. The study of grammar and mechanics is directly related to both reading and writing.

ENGLISH II COURSE NUMBER: ENG2001

The Sophomore year builds on compostition, grammar, and vocabulary skills; the comparison/contrast paper, a complete descriptive essay, and continuation of critical analysis and response to various literary works. Special literary focus this year is on drama from its beginnings in Greece through its prime in Elizabethan England with the study of Sophocles's *Antigone* and *Julius Caesar* by William Shakespeare.

ENGLISH III COURSE NUMBER: ENG3001

The junior year of English continues to focus on expanding vocabulary, improving grammar and composition skills (persuasive writing, critical analysis, expanded essay questions, and inductive and deductive reasoning), and developing a discerning eye for a variety of written works. Emphasis is placed on the works of American writers and their connection to an ever-changing American culture.

ENGLISH IV COURSE NUMBER: ENG4001

The Senior year of English continues vocabulary study, and practice of grammar and composition skills on a more advanced level. These skills culminate in a major research paper, in which students incorporate additional skills, like using a variety of preliminary sources, specific research, note taking, thesis formulation, organization, synthesis, and documentation. Students are expected to read, appreciate, and write critically about English works from a historical perspective during their survey of British Literature.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION COURSE NUMBER: ENG5001

AP Language and Composition is an elective course for Juniors and Seniors and can replace English III or IV. This course is designed to teach logic, argumentation, rhetoric, and composition. Great emphasis is placed on reading and analyzing non-fiction and American literature. Students compose a variety of analytical essays in preparation for the AP exam which MAY result in replacing an English course in college.
Course Fee: **$100.00 & students purchase some supplementary novels themselves.**
Requirements: Minimum "B" average in English II and teacher recommendation

ADVANCED PLACEMENT LITERATURE AND COMPOSITION COURSE NUMBER: ENG5002

AP Literature and Composition is an elective course for Juniors and Seniors and can replace English III or IV. This course is designed to improve the student's reading comprehension, understanding of an author's rhetorical choices and writing skills. These skills are developed through reading literature from around the world, but special emphasis on British literature. Students compose a variety of analytical essays in preparation for the Advanced Placement exam which MAY result in replacing an English course in college.
Course Fee: **$100.00 and students purchase some supplementary novels themselves.**
Requirements: Minimum "B" average in English II and teacher recommendation

CREATIVE WRITING COURSE NUMBER: ENG6002

This elective course is available to any Upper School student with an interest in writing poetry, prose, short stories and other creative pieces. The school's literary magazine, "A Different Drummer" is produced solely by the Creative Writing students, who are responsible for selection, revision, editing, and publishing the work.

JOURNALISM/YEARBOOK COURSE NUMBER: ENG6000

Students learn to use Josten's yearbook website, take pictures, meet deadlines, use equipment associated with creating the yearbook (scanners, digital cameras, etc.), sell ads, design pages for the yearbook, complete page ladders, and create yearbook themes. When time allows (outside of yearbook work) students learn elements of journalism through textbook instruction, visual aids, and field experiences.
Requirements: 10th-12th graders, digital camera, home computer access, teacher referral/application

SPEECH COURSE NUMBER: ENG6001

This course is a comprehensive study of public speaking. The first semester focuses on verbal and noverbal messages, voice, audience, listening skills, interviews and preparing a variety of speeches. Second semester concentrates on delivering speeches; including poetry readings, radio and television announcements, and informative, persuasive, after dinner, commemorative, testimonial, and famous speeches.

JOURNALISM/NEWSPAPER COURSE NUMBER: ENG 6004

Students selected for the newspaper staff are responsible for completion of course work focused on the development of writing skills for newspaper writing. Additionally, the staff will publish the school newspaper on a regular basis. Students will also be given opportunites to participate in workshops sponsored by state and university organizations in the area of journalism. Enrollment in the course must be approved by the teacher and is open to 10^{th}, 11^{th}, and 12^{th} grade students only.

Foreign Language

University Heights offers Spanish which is available to Middle and Upper School students. Two years of Foreign Language are required for Upper School Graduation. However, many universities require three years of Foreign Language study for entrance.

SPANISH COURSE NUMBERS: Middle School Enrichment - ENR104
Spanish I - SPA1001 Spanish II - SPA1002 Spanish III - SPA1003 Spanish IV - SPA1004

Students are introduced to a basic Spanish vocabulary and reading skills through an enrichment course during the middle school grade levels. A text is used along with a workbook, worksheets, quizzes, and tests to facilitate learning. Emphasis is on the four basic skills of listening, speaking, reading, and writing. If possible, all vocabulary is presented orally, initially with appropriate visuals. Therefore, the student learns to associate the word with the visual in Spanish rather than the English word. Subsequently, the written word is presented. The students read and respond in writing during exercises in the text and workbooks. Worksheets, quizzes, and unit tests are also used to assess skills learned.

Health

MIDDLE SCHOOL HEALTH COURSES

COURSE NUMBERS: 6th grade– HEA601 7th grade– HEA701 8th grade – HEA801

Students learn the basics of anatomy, including the names and functions of muscles, bones, and organs. Sex education is covered and includes training with Alpha Alternative, a group who promotes abstinence and healthy relationships and warns students of the dangers of sexually transmitted diseases. (Alpha Alternative works with 7th grade only). Health class also includes a study of nutrition and life long exercise to promote healthy choices and a lifestyle.

UPPER SCHOOL HEALTH COURSES

COURSE NUMBERS: 9th grade – HEA901
Students continue to build on the basics of anatomy, and study goes beyond the names and functions of muscles, bones, and organs. Sex education is covered and includes training with Alpha Alternative, a group who promotes abstinence and healthy relationships and warns students of the dangers of sexually transmitted diseases. (Alpha Alternative works with the 9th grade). Health class also includes a study of nutrition and life long exercise to promote healthy choices and a lifestyle.

Math

The goal of mathematics instruction at University Heights Academy is to teach the basic mathematics of everyday living and to encourage the natural curiosity of students to investigate higher mathematics. The curriculum is developed as a natural progression of study from arithmetic, through algebra, geometry, advanced algebra, analytic geometry, trigonometry, math analysis, and culminating - for the most capable students - with a year of calculus, whether or not their university plans involve higher math. For graduation a total of fours year of mathematics is required and must include Algebra I, Algebra II, and Geometry. **Credits earned in Middle School will not replace the four year course requirement in High School, but only supplement the required annual coursework**.

MIDDLE SCHOOL MATH REQUIREMENTS

COURSE NUMBERS: 6th Grade Math - MAT601 7th Grade Math – MAT701 Algebra I – MAT1001 (US credit)

UPPER SCHOOL MATH REQUIREMENTS AND ELECTIVES

ALGEBRA I COURSE NUMBER: MAT1001 (1 credit when taken in upper school))

This course covers operations, properties of real numbers, equations, inequalities, factoring, graphing, and the basic topics of higher mathematics. The emphasis is on applying math to real world problems, as math is a tool used in most professions.
Pre-requisite: knowledge of fractions and decimals

ALGEBRA II COURSE NUMBER: MAT3001 (1 credit)

This course reviews Algebra I concepts and then extends all of them to a higher level. It covers graphing, advanced factoring, systems of equations, conics, complex numbers, roots, exponential and logarithmic functions.
Pre-requisite: Algebra I Tools required: ruler, graphing calculator (TI81 or TI83)

ALGEBRA III COURSE NUMBER: MAT 4005 (1 semester course - ½ credit)

The purpose of Algebra III is to help seniors retain their algebra skills through their fourth year of high school. It encompasses review of all Algebra II topics plus matrices and determinants, series and sequences, probability, statistics, advanced factoring, and use of the graphing calculator.
Pre-requisite: Algebra II Tools required: ruler, graphing calculator

GEOMETRY COURSE NUMBER: MAT2001 (1 credit)

This course is a comprehensive study of Euclidean Geometry with an emphasis on logical reasoning. It includes proofs, study of geometric figures, constructions, transformations, area, surface area, volumes, length of segments, measures of angles, etc. May be taken the same year as Algebra II with teacher approval.
Pre-requisite: Algebra I (Algebra II recommended) Tools: ruler, compass, protractor, scientific calculator

ANALYTICAL GEOMETRY COURSE NUMBER: MAT4006 (1 semester - ½ credit)

The purpose of this course is to help students retain their algebra and geometry skills through their fourth year of high school. Topics covered will be (but not limited to): distance, division of a line segment, families of lines and circles, conics, translation of axes, analytic proofs.
Pre-requisite: Algebra III Tools required: ruler, protractor, compass, graphing calculator

TRIGONOMETRY COURSE NUMBER: MAT4010 (1 semester - ½ credit)

This course covers trigonometric functions, graphs, identities, composition of ordinates, inverse functions, solution of triangles, vectors, law of sines, and law of cosines.
Pre-requisite: Algebra II with a B average or higher or teacher recommendation
Tools required: ruler, graphing calculator

ANALYSIS COURSE NUMBER: MAT4011 (1 semester - ½ credit)

This is a pre-calculus course covering common and natural logarithms, regression equations, statistics, series and sequences, binomial theorem, induction proofs, parametric and polar equations and graphing, the study of exponents, and identifying functions.
Pre-requisite: Trigonometry Tools required: graphing calculator

ADVANCED PLACEMENT CALCULUS AB/BC COURSE NUMBER: MAT5002 (1 credit)

This course follows the Advance Placement Calculus BC syllabus provided by the College Board. Passing the national exam at the end of the course gives Calculus credit at most universities.
Pre-requisite: Trigonometry and Analysis with a B average or higher or teacher recommendation
Tools required: graphing calculator

STATISTICS COURSE NUMBER: MAT6000 (May be taken first semester for ½ credit or entire year for 1 credit)

Many university majors require a statistics course. This course will give excellent background. It covers frequency distributions, histograms, pie charts, scatter plots, sampling, probability and binomial distributions, hypothesis testing, linear and multiple regressions, chi-square tests.
Pre-requisite: Algebra II Tools required: TI-83 or TI-84 graphing calculator
(Statistics may be a dual credit option at HCC in the spring)

PERSONAL FINANCE COURSE NUMBER: MAT (1 credit)

In introductory personal finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in banking, creating budgets, developing long-term financial plans to meet their goals, the dangers of debt, investing in the stock market, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. The Stock Market Game and Dave Ramsey's Foundations in Personal Finance are both integrated into the curriculum. Students are also inspired by experiences of local finance professionals and stories of everyday people and the choices they make to manage their money.

COLLEGE ALGEBRA 1 Credit (Dual Credit)

Course includes selected topics in algebra and analytic geometry. It develops manipulative skills and concepts required for further study in mathematics which includes linear, quadratic, polynomial, rational, exponential, logarithmic, and piecewise functions; systems of equations, and an introduction to analytic geometry. Lecture: 3 credits.
Pre-requisites: Math ACT score of 22 or above and teacher recommendation

Physical Education

The Physical Education program at University Heights Academy is recognized as an integral part of the total educational program at the school in Middle School through grade nine. This program allows the student total growth, physically, mentally, and socially. Optional physical activities are offered after school in the interscholastic programs. Physical Education is required every year of Middle School, and 1/2 year of Physical Education is required for graduation.

MIDDLE SCHOOL PHYSICAL EDUCATION

COURSE NUMBERS: Grade 6 - PE601 Grade 7 - PE701 Grade 8 - PE801
Focus is on team building and promoting an active life and a healthy lifestyle that incorporates exercise into daily activity. Students learn about and practice life long physical activities such as walking, dancing, running, and other aerobic activities. Team sports and anaerobic activities are also emphasized with soccer, kickball, volleyball, basketball, and other fun team sports.

UPPER SCHOOL PHYSICAL EDUCATION

COURSE NUMBERS: PE1001
Focus is on team building and promoting an active life and a healthy lifestyle that incorporates exercise into daily activity. Students learn about and practice life long physical activities such as walking, dancing, running, and other aerobic activities. Team sports and anaerobic activities are also emphasized with soccer, kickball, volleyball, basketball, and other fun team sports.

Science

The Science department's philosophy is that science is a process learned by active engagement in activities and experiments. As students gain science skills, they also develop critical thinking and problem solving abilities. Each level of the science program builds on the student's previous knowledge and skills, following a logical sequence which is aligned with the student's developmental stages. When the students enter middle school, they have a broad base of scientific knowledge and skills on which to build. Three years are required in Middle School. By the time the student reaches the upper school science program, they are well prepared for the advanced college preparatory courses offered. Students need four science credits to graduate, two of which must be Biology and Chemistry.

MIDDLE SCHOOL SCIENCE REQUIREMENTS

EARTH SCIENCE COURSE NUMBER: SCI601

This sixth grade class focuses on geology, meteorology, and astronomy with an emphasis on hands-on, real-life applications. Topics include erosion, minerals, rocks, atmosphere, earthquakes, volcanoes, weather, galaxies, stars, and the greater Solar System.

LIFE SCIENCE COURSE NUMBER: SCI701

Life Science, or "pre-biology", begins with the classification of living things, then moves into cells, or the smallest units of life. Animal adaptations and behaviors follow, leading into studies of ecosystems, resources, and conservation. Finally, plants are studied in depth as the leaves and plants begin to emerge in the spring.

INTRODUCTION TO CHEMISTRY AND PHYSICS COURSE NUMBER: SCI801

This course is designed to introduce students to basic principles of physics and chemistry. During the first semester, students participate in discussions and activities exploring the classification of matter, atoms and the periodic table, chemical bonds and equations, and properties of acids and bases. Semester two focuses on physics including laws of motion, forces, gravity, momentum, energy, work, and sound. Students use measurement skills, data collection, and analysis to form scientific conclusions.

UPPER SCHOOL SCIENCE REQUIREMENTS AND ELECTIVES

BIOLOGY COURSE NUMBER: SCI1001

This course builds on the foundation laid in 7th grade Life Science. Topics include life characteristics and substances, cell structure, energy, and reproduction, laws of heredity, DNA, evolution, and a survey of the kingdoms. Hands-on activities and labs are incorporated throughout the year, including animal dissections in the second semester.

CHEMISTRY COURSE NUMBER: SCI2001

This is an introductory course designed to give students an overview of the basic principles of chemistry. Topics to be covered include atomic structure, periodic law, nuclear chemistry, chemical bonding, stoichiometry, phases of matter, acid-base chemistry, equilibrium, kinetics and oxidation-reduction reactions. A good foundation in algebra is important.
Prerequisites: Algebra 1 and Biology Tools : scientific calculator required

PHYSICS I COURSE NUMBER: SCI3002

This course begins with the study of kinematics and Newtonian physics (acceleration, energy, forces, momentum, motion, power, projectiles, vectors, velocity, work). Electricity is studied (currents, electric fields, electromagnetism, series & parallel circuits, static electricity). A strong knowledge of Algebra and basics of Trigonometry are required as Physics is the application of science and proven mathematically.
Prerequisites: Algebra II, Biology and Chemistry (B average or teacher recommendation). Co-requisite: Trigonometry / Analysis Tools: A scientific calculator is required for this course.

ADVANCED PLACEMENT BIOLOGY COURSE NUMBER: SCI5010

A.P. Biology exposes students to the course content of a college-level Biology course. The program of study and the 12 A.P. labs are prescribed by the College Board, but these are supplemented with additional readings and activities. Students explore basic biological principles at a greater depth and faster pace, learning analytical and writing skills in the process. The course culminates in taking the A.P. exam. High scores may earn students college credits and the course prepares them for the rigors of college work.
Course Fee: $100.00 Prerequisites: Biology and Chemistry; a minimum of "B" average

ADVANCED PLACEMENT CHEMISTRY COURSE NUMBER: SCI5020

The AP Chemistry course is designed to be the equivalent of a first year general college chemistry course sequence. A review of the topics from our first year course will be completed within the first 9 weeks. Other topics to be covered include chemical equilibrium, atomic structure and bonding, thermodynamics, electrochemistry, kinetics, nuclear chemistry and organic chemistry. The laboratory program consists of college-level labs and will also be completed concurrently with the course. Each student is expected to take the culminating exam in May offered by the College Board.
Course Fee: $100 Prerequisites: Biology, Chemistry and Algebra II; a minimum of "B" average
Tools: A graphing calculator is required for this course.

ANATOMY & PHYSIOLOGY COURSE NUMBER: SCI4001
Anatomy and Physiology is the study of the structure of an organism and the relationships and functions of all of its parts. Focus is primarily on the human body, but dissection of closely related animal organs augments the understanding and is required. This course is not for the squeamish.

ENVIRONMENTAL SCIENCE COURSE NUMBER: SCI6001

This course focuses on the relationship between the environment and health issues. Focus is on how pollution, toxicity, chemicals, viruses, bacteria, smoking, global warming, deforestation, erosion and other environmental issues impact human, plant, and animal health. Students take air particulates and soil and water samples to determine the pollution levels in our local region. Also focus on our nation's food supply and safety – how food is preserved to maintain longer shelf-life and the health concerns this creates.
Note: This course is one semester & counts as ½ credit

FORENSIC CHEMISTRY COURSE NUMBER: SCI6001

Students enter the exciting world of "CSI" by examining crime-solving techniques, like fingerprinting, blood typing, and DNA analysis. Students work together to solve simulated crimes and study actual cases to demonstrate methods. Additional topics include ballistics, pathology, and hair and fiber analysis.

Note: This course is one semester & counts as ½ credit Prerequisites: Biology and Chemistry

OCEANOGRAPHY COURSE NUMBER: SCI3006

Students delve into one of the least explored and mysterious areas of our world, the ocean. First semester students learn basics of waves, currents, and navigation. In second semester, students explore a variety of marine species (plant and animal life); learning about their biomes, the migration patterns of major world sea travelers, and other mysteries of the deep.

Social Studies

In the middle and upper grades, history and geography are studied so that students have the skills necessary for a better understanding of the present and of the past and its influence on our current events. Recognizing that an active and informed citizenry is vital, we strive to graduate individuals with the abilities, knowledge, and skills to act upon, not merely react to, their world. Upper school graduation requires four full years of Social Studies.

MIDDLE SCHOOL SOCIAL STUDIES

EUROPEAN HISTORY 1 COURSE NUMBER: HIS601

6th grade World History covers prehistory through the Middle Ages in the Eastern Hemisphere. This includes early man, Mesopotamia, Egypt, Greece, Roman Empire to the Vikings, Celts and Early Britain. Students are exposed to vocabulary, places, influential people, map work, government, religions, economics, and politics.

EUROPEAN HISTORY 2 / GEOGRAPHY COURSE NUMBER: HIS701

7th grade World History covers the Middle Ages to the present in the Eastern Hemisphere. The development of governments and religious conflicts are the focus of this class. Students are exposed to vocabulary, places, cultures, influential people, wars, governments, politics, and map work.

U.S.HISTORY COURSE NUMBER: HIS801

8th grade U.S. History covers prehistory through post civil-war expansion of the United States as it became a modern nation. This includes first inhabitants, the colonization of America, the Revolution, the Civil War, and Westward Expansion. Emphasis will be placed on the development of the modern United States: its people, government, economics, and culture as the nation moved toward industrialization and the 20th century.

UPPER SCHOOL SOCIAL STUDIES COURSES

WORLD GEOGRAPHY COURSE NUMBER: HIS1001

This course follows World Civilization study of the major eras in history with a geographic study of the continents and countries as they were during various eras of history. Students will look at the Classical World, Early Asia, Africa, Europe and America, and witness how the modern world developed through greater exploration and knowledge and cartography.

WORLD CIVILIZATION COURSE NUMBER: HIS2001

This course includes the study of World History from the emergence of modern nations to the world during the 21st century. Units of study will include the emergence of nations, Industrialism, Nationalism, World War in the 20th century, and the world since 1945. Freshman study Pre-History through the Renaissance Period and Sophomores study Post Renaissance to current times.

U.S. HISTORY COURSE NUMBER: HIS3001

11th grade U.S. History presents the development of the U.S. as a modernized global power. After briefly reviewing colonization, the Revolution and the Civil War, themes addressed during junior year will include the major political, economic, social, cultural, diplomatic, & intellectual movements that were part of 19th and 20th century America. Students will be expected to analyze historical events through various interpretations and methodologies in order to the place the U.S. in the context of a modern, influential world power.

U.S. GOVERNMENT COURSE NUMBER: HIS4001

This required senior course covers the foundations of American Government; political behavior, political parties, the branches (Legislative, Executive, and Judicial). Students will be asked to compare political and economic systems and to participate in state and local government.

ADVANCED PLACEMENT U.S. HISTORY COURSE NUMBER: HIS5001

This course surveys a broad variety of topics in special fields like political- constitutional and economic history, cultural and intellectual history, social and diplomatic history. The course covers the history of the United States from early discovery to the 1980s. Students are required to go beyond the rote memory of names and dates and to draw upon the knowledge they have gained to analyze historical events and the impact they had on the United States. Students are expected to apply these skills and their knowledge on the AP exam in May.
Course Fee: $100.00

ADVANCED PLACEMENT U.S. GOVERNMENT & POLITICS COURSE NUMBER: HIS5002

The Advanced Placement course in U.S. Government and Politics includes the study of "institutions, groups, beliefs, and ideas that constitute U.S. politics". Following the College Board curriculum guide, the course prepares students for the required AP exam in May of each year. The topics include: constitutional basis for our government, political beliefs and behaviors, political parties, interest groups and mass media, role of the states, public policymaking, Civil Rights and civil liberties, and our Institutions of National Government: Congress, the Presidency and bureaucracy, and the Federal Courts.
Course Fee: $100.00

ECONOMICS COURSE NUMBER: GEN 1009

This course is designed to give students skills necessary to be an informed consumer. We will learn practical economic principles by covering units on the stock market, taxes, banking, credit, advertising, owning and operating an automobile, and housing. Students will learn the basics of the business world. Students will explore a variety of careers, study terminology and jargon common in the workplace, learn techniques for interviewing, create a business plan, shadow adult business men and women, and attend a local career fair.
CURRENT EVENTS COURSE NUMBER: HIS6002

This course focuses on using various forms of media to understand local, state, national, and international events. Students are taught to scrutinize information closely to determine the credibility of a source and to use a number of sources to create an accurate picture of events. Great importance is placed on the relationship between events and how the past can create current events and how we can use our present to mold our future.

INTRODUCTION TO PSYCHOLOGY COURSE NUMBER: HIS6001

This survey course introduces the students to the comprehensive field of psychology. The course will cover the following: early animal and human behavior study, the biological basis for behavior, developmental psychology, personality determinacy, social psychology, mental health, abnormal psychology, experimental psychology, careers in the field of psychology, psychopharmacology, and psychotherapeutic treatments. Students will explore and analyze topics through reading, journaling, observing, and experimenting.

ADVANCED PLACEMENT PSYCHOLOGY COURSE NUMBER: HIS6501

This is a rigorous course for students willing to challenge their intellectual abilities. The completion of this course will allow students to enter college programs with a solid foundation in psychology fields on which to build their program of studies. AP Psychology introduces students to the systematic and scientific study of behavior and mental process of sentient beings. Psychological facts, principles, ethics, methods and phenomena associated within major subfields of psychology will be covered.
Requirements: $100 fee and students are required to take the AP exam.

MIDDLE SCHOOL TECHNOLOGY COURSES

TECHNOLOGY 1 (6th Grade MS Enrichment) COURSE NUMBER: ENR100

The first six weeks of the sixth grade rotation is spent on keyboarding development, with the goal of removing typing as a major impediment to communication through digital media. Over the last three weeks students research, write, and illustrate a story about how an historic (or current) event can be reimagined given technological considerations. This project allows for the reinforcement of historical curricula or current events, the use of advanced searching/research skills, and the development of a critical eye to the influence of technology on the possible.

TECHNOLOGY 2 (7th Grade MS Enrichment) COURSE NUMBER: ENR100

The seventh grade rotation spends two weeks on typing, one week on digital citizenship, three weeks discussing current events under the rubric of a critical media theory, and three weeks on a project students wherein students research, write, and illustrate a story about how an historic (or current) event can be reimagined given technological considerations. This project allows for the reinforcement of historical curricula or current events, the use of advanced searching/research skills, and the development of a critical eye to the influence of technology on the possible.

TECHNOLOGY 3 (8TH Grade) COURSE NUMBER: ENR101

Eighth graders spend one period for the duration of the year in computers class. This scheduling gives tacit nod to the importance UHA places on the acquisition of technological literacy for achievements sake, and covers a gambit of subjects ranging from the moral (social, ethical, and responsible behaviors/issues, etc.) to the practical (keyboarding, Office Suite, email, research, data analysis, etc.), and on through the metaphysical (technologies' influence on the fundamental nature of personhood/society, digital ethos, etc.). Eighth graders must exit the course able to demonstrate basic college level computing skills (as assembled from multiple college pre-entrance tests and curricula maps), but, more importantly, having seized the educational opportunity to deploy their computer as a communication tool while expressing their individual perspective, exploring personal areas of interest, and showing marked development as compared to their initial/their peers skills and abilities.

UPPER SCHOOL ELECTIVES

GRAPHIC ARTS (Upper School) COURSE NUMBER: GEN1010

This course is designed to teach the basics of Graphic Arts through the computer lab.
Students learn to apply the elements and principles of design to create a variety of graphic images.
Requirements: Computer Applications (8th) and ability to pay for color printing.

ACADEMIC GENERAL KNOWLEDGE (Academic Team)

This course allows for academic team members or other interested students to study key, core content areas (math, social studies, science, language arts, arts and humanities) for competition as well as practice for the annual Governor's Cup competition. Students will receive instruction in composition and future problem solving to build critical thinking and expression skills. Faculty members who specialize in content area may be invited to teach short cut methods or advanced instruction. Students completing this one semester course will receive ½ credit awarded on a pass / fail basis. This credit will count for graduation requirements but will not be a part of grade point calculation.
Note: This course is one semester long and counts as ½ credit

JUNIOR / SENIOR ELECTIVES

ACT / COLLEGE PREP COURSE NUMBER: GEN 1006

This one semester course focuses on tips, strategies, and suggestions from many ACT preparation courses and results in the creation of a personal strategy for gaining all possible points on the ACT exam. Practice tests are taken and scored throughout the semester. In addition to ACT preparation, this class allows students to explore colleges and universities. Students develop their curriculum vita, search admission web sites, learn to evaluate admission statistics and viability of college programs, examine various admissions documents (including the essay portion), and open lines of communication with admission officers. Interview skills, and college "survival techniques", such as communicating with professors, using college resources, managing social pressures and stress are also developed.

DUAL CREDIT WITH HCC – SENIORS ONLY

See UHA handbook for requirements and procedures and check HCC courses for options. Please check with Mr. Denison to see if Dual credit will be offered through UHA before enrolling at HCC.