

UHS Sophomore Year Schedule

Welcome, sophomores, to your second year at UHS. UHS offers all students a four-year, college preparatory liberal arts curriculum. "College preparatory" means we are preparing you to leave UHS and be successful at any university in the country. "Liberal-Arts" it means we provide a general education that includes not only math and science, but also the arts and humanities such as Latin, English, and music. It also means we will teach you to be critical thinkers with a general understanding of the world, rather than providing you with a single, specific curriculum focus. Our four-year curriculum was developed in 1999 when educators in the community came together to outline what they thought would be the best curriculum for a high school student. Most tenth graders will be taking the same classes together, the only possible exception is a math course. With the addition of a Fresno State course (history), the sophomore year is challenging and requires you to perform at a more intense academic level than the freshman year.

COURSE/PROGRAM DESCRIPTION

Latin II

Students continue to study the vocabulary and grammar of the Ancient Romans by completing *Latin for the New Millennium*. Since students have a strong foundation in mythology from Latin I, this year the focus of their study is Roman Republican and Imperial history. This includes a major research project integrated with other classes.

English 10

While last year's class dealt with understanding oneself and one's connection to the world, the sophomore curriculum builds on this by analyzing one's responsibility to others -- in other words, using a social justice critical lens -- through discussion, writing, and reading. Students will develop these skills by studying several pieces of literature and completing two research projects. The fall research project is a joint assignment with Latin II, which will be addressed and assessed by both instructors. The spring semester project examines injustices in the world. The project has several components, including original research, writing, and going public. By examining the ideas and applications of justice and ethics, the Injustice Project is a culminating assignment that reflects the year's emphasis on our responsibility toward others through a social justice lens.

History

For the first time at UHS, students take up the study of history. In place of Modern World History, sophomores take History 20 in the fall and History 21 in the spring. A Fresno State professor usually teaches this class. It is designed to introduce students to the teaching style and expectations of a

college level course, and students will receive college credit for both semesters. This class meets in a Fresno State lecture hall, so classes are much larger than usual for our students; one half of the class meets on Monday, Wednesday, and Friday from 8:00-8:50 AM, the other half on Tuesday and Thursday from 7:30-8:45 AM.

Integrated Mathematics II (9th grade and 10th grade)

The Integrated Mathematics Program at University High School is a comprehensive study of mathematics where a typical four year study is completed in three years. Our courses will help students develop critical reasoning skills and the art of logical thinking. The Integrated Mathematics curriculum at University High School will cover the in-depth study of number & quantity, algebra, functions, modeling, geometry, statistics, and probability that will encourage students to solve real-world problems. The University High School Integrated Math II is designed to be a sequel to the Integrated Math I curriculum, as well as a bridge course in leading to the topics covered in Integrated Math III.

Advanced Mathematics (10th and 11th grade)

The Integrated Mathematics Program at University High School is a comprehensive study of mathematics where a typical four year study is completed in three years. The Advanced Mathematics Program at University High School will develop students who can critically reason and develop the art of logical thinking. The Integrated Mathematics curriculum at University High School

will cover the in-depth study of number & quantity, algebra, functions, modeling, geometry, statistics, and probability that will encourage students to solve real-world problems. Advanced Mathematics is the final course in the three-course Integrated Math series. Upon completion of this course, students will be prepared to enroll in an Advanced Placement Calculus, Advanced Placement Statistics, or a CSUF math course.

Chemistry

In Physics, students learned about matter and energy and the great laws of science in the universe; in sophomore Chemistry, students drill down to look at matter and energy at the molecular level. Students work to uncover the world of small particles and relate their characteristics to what we see and experience. Students investigate the various behaviors of matter, and learn to understand how tiny particles can account for each property and change we see. To accomplish this, the course is taught using Modeling Instruction (also used in Physics), a research-based instructional method that has been shown to produce deeper, more durable understanding than more typical instructional approaches. The emphasis under this approach is on understanding underlying principles rather than on simply acquiring factual knowledge or learning certain procedures, though facts and procedures will also be part of the learning. In the Chemistry classes, students learn to develop *conceptual models* of how matter behaves using a variety of representational tools (graphs, diagrams, math relationships, verbal descriptions) to communicate important features of their model. The students then learn to recognize and apply the models built in class to new circumstances. Modeling Instruction does not change the content students learn so much as the way they learn to understand and discuss the content.

Musicianship II

The focus in Musicianship II this year is on the music theory and history of the Baroque and Classical periods (17th and 18th centuries). Students will also be expected to continue the skill development they employed in their freshman year when they learned rhythmic dictation, melodic dictation, and sight singing.

Performing Groups

For the sophomore year, students audition for the performing group they wish to take in either the choral or instrumental area. All students must take one class from the many options that exist. These classes are offered 8th and 9th period.

Physical Education

P.E. continues in the sophomore year, alternating with Musicianship II as it did the freshman year.

The program at UHS is designed to introduce the students to a variety of activities, exercises and fitness related issues. Our hope is that what students learn will help them to find a fun and enjoyable way to stay physically fit for the rest of their lives. The students will learn how to perform a variety of activities using proper form while also learning about health issues such as obesity, anorexia and nutrition.

48 Books Program

The 48 Books program continues this year with the sophomore list. The complete 48 books list can be found on our website.

Drama (elective)

For those interested thespians, drama is an elective taught at UHS. Beginning Drama and Advanced Drama study many aspects of acting and theater and also help to put on the two theatrical productions UHS performs each year. These courses are taught in the afternoons.

Personal Wellness

At UHS, we also recognize the need to support student wellness. In addition to having two fulltime academic counselors on campus, we also have a counseling curriculum. The focus of the sophomore year is "Who Am I in Relation to My Community and Environment?" Students will complete a resume through Naviance. Students will also plan for their remaining high school years. Students will continue with journal reflections in response to counselor prompts centering on the theme for sophomores year mentioned above.