



LAKE FOREST ACADEMY



COURSEBOOK 2025-26



OUR MISSION

Lake Forest Academy strives to embody in its practices and to cultivate in its students excellence of character, scholarship, citizenship, and responsibility.

Character encompasses respect for others and their beliefs, dedication to honesty in every sphere of life, realization of moral clarity and conviction, and pursuit of virtue and value in life.

Scholarship encompasses acquisition of knowledge, development of critical thinking, enthusiasm for discovery and learning, and exercise of a powerful imagination.

Citizenship encompasses appreciation of diversity and multiculturalism, involvement in the Lake Forest Academy community, participation in service to others, and commitment to global awareness and understanding.

Responsibility encompasses development of self-reliance, ability to seek guidance, dedication to cooperation and teamwork, and action based upon informed decisions.

The Academy aspires to instill these qualities in its students to help them become responsible citizens in a pluralistic, global society characterized by increased technological complexity. At the same time, the school remains rooted in traditional values—integrity, honesty, hard work, and respect for the ideas and property of others.



LETTER FROM THE HEAD OF SCHOOL OFFICE

Dear Students, Parents/Guardians, and Colleagues,

It is with great pleasure and enthusiasm that I introduce to you our latest academic coursebook, meticulously designed to encourage rich and engaging learning experiences. This comprehensive resource reflects our commitment to educational excellence as we prepare for a new academic year. Designed to inspire critical thinking and intellectual curiosity, it serves as a compass for students no matter where they are on their journey. Within its pages, you will find information on our academic departments, including departmental course maps, course descriptions, and prerequisite requirements. You can find policy information and a helpful Four Year Planning Worksheet created to guide students and parents in selecting courses. It is my hope this coursebook will serve as a valuable tool in our students' academic journeys and ignite a passion for lifelong learning. I invite our students to embrace this time in high school as an opportunity to explore and nurture their curiosity. Be curious. Ask questions. Stay engaged. May this coursebook be your steadfast companion on the path to academic enlightenment.

Warm regards,



Nancy Nassr P'24, '25

Assistant Head of School, Academic Dean

Dear LFA Students and Families,

As you'll see in the pages below, Lake Forest Academy offers an incredible array of academic offerings. The magic behind all of this is our faculty, who work tirelessly to develop and improve their curricula to meet the evolving needs and interests of our students. In these courses, we consistently work to reflect the school's goal of educating global citizens in a diverse community. We hope that you will find courses that ignite your imagination. And, we hope that you will suggest courses that might be great additions to our school community in the future.

Sincerely,



J. Thomas Johnson

Interim Head of School

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GRADUATION REQUIREMENTS

Students normally take five or six courses each year. At least four of these courses must be from the liberal arts disciplines of English, Mathematics, Science, History, and Modern & Classical language. Five is strongly recommended.

LFA MINIMUM GRADUATION REQUIREMENTS

English _____ 4 credits

Mathematics _____ 3 credits

History, Science, Languages

H,S,L Discipline 1 _____ 3 credits

H,S,L Discipline 2 _____ 3 credits

H,S,L Discipline 3 _____ 2 credits

Three years in at least two of these disciplines and two in the third, including at least two full year lab sciences. All students must take either World History II or Advanced Placement World History and either U.S. History or Advanced Placement U.S. History.

Fine Arts

Incoming Freshman _____ 1.5 credits

Incoming Sophomore/Junior/Senior _____ 1 credit

Choice Electives _____ 2 credits

Total Credits 18.5 credits

COURSE SELECTION

Each year, students meet with their advisors to choose courses for the following academic year. Students will receive recommendations from classroom teachers for suggestions about the best fit course (s) to take the following year. Students also choose electives and other academic courses not required for graduation. Freshman course placements are determined by criteria set by respective divisions. Course verification sheets are sent home each spring to ensure accuracy. The master schedule is created based on student selection of courses.

COURSE LOAD

Every student must be enrolled in the following each year:

- At least five classes per semester
- Health, Wellness, and Community (HWC) - does not count toward minimum number of classes taken each semester and is taken as a Pass/Fail course

ENGLISH

Students must be enrolled in at least one English class each year. These courses will be detailed in the course descriptions.

FINE & PERFORMING ARTS

All students are required to complete 1.5 credits from the Fine and Performing Arts Department offerings unless they transfer in after Freshman year.

HEALTH, WELLNESS, AND COMMUNITY (HWC)

Students are required to take HWC each year as a graduation requirement. The course is pass/fail. Ninth and 10th grade students meet two times per cycle. Eleventh and 12th grade students meet one time per cycle.

HISTORY & SOCIAL SCIENCE

Two years of History and Social Science courses: World History 2 or AP World History and U.S. History or AP U.S. History.

MATH

At least six semesters (and through Algebra 2) are required for graduation.

MODERN & CLASSICAL LANGUAGES

Students are required to take four semesters (two years) of the same language for graduation. International students who join the Academy and are already fluent in a non-English native language are encouraged, but not required to study a language in addition to English.

SCIENCE

Students are required to take two lab sciences (two years) including one year of life science and one year of physical science.

ELECTIVE GRADUATION REQUIREMENTS

At least two elective year-long credits from any academic department (one of those must be from: Math, Science, English, History & Social Science, or Modern & Classical Languages).

REQUIRED FRESHMAN COURSES

Digital Media Literacy: In this fall semester, once per cycle seminar course, freshmen students are prepared for today's interconnected digital landscape, and equipped with advanced critical thinking and inquiry skills. This course prepares students with the knowledge and competencies needed to succeed at LFA and beyond. By comprehensively exploring digital media literacy, students will critically evaluate information, engage ethically with emerging technologies, and develop creative problem-solving skills. Topics include AI ethics, 3D printing, copyright principles, foundational research, and digital literacy. Practical experience with platforms like Google Workspace, Notability, and Canvas enhances productivity and organization. By the end of the course, students will be equipped to navigate the evolving digital world with confidence, assess information critically, and engage with technology responsibly in academic and real-world contexts.

An Introduction to Global Competencies: In this spring semester, once per cycle seminar course, freshmen students have the opportunity to explore the four domains of global competence including investigating the world, valuing different perspectives, communicating ideas, and acting on global issues. They will engage with these concepts via hands-on projects, interactive activities, guest speaker sessions, on-site visits and field trips. As students are introduced to familiar and new concepts in a global context, they are also guided to build connections between themselves and this increasingly interconnected world.

SCHEDULE CHANGES

Students may modify their course requests at designated times during the spring and summer months, depending on course availability. Students receive a copy of their final schedule during preseason week.



SCHEDULE CHANGE REQUESTS MUST ADHERE TO THE FOLLOWING GUIDELINES

ADDING A COURSE

Students may add a course in place of a free period or another class during the first cycle of fall or spring semester if space is available in the course and the students meet the prerequisites. Students must consult with their advisor and teacher of the new course regarding make-up requirements for any missed content.

DROPPING A COURSE

- Students who are taking six classes may drop their sixth class before the start of the fifth cycle of the current semester without penalty. Students may not drop a year-long course in the second semester without incurring a W. Students must retain five academic classes at any point in either semester.
- Students who drop a class after this time will receive a grade of "W" (Withdrawal) to be included on their transcript if the course is dropped before the start of the fifth cycle of the semester. In some cases, students may be permitted to drop a class after the deadline. This decision can only be made at the discretion of the Dean of Students and Academic Dean.

NOTE: Students must maintain a minimum of five courses each semester.

LEVEL CHANGES

On occasion, students may need to change the level of the class in which they are enrolled. In order to do so, students must:

- Initiate a level change discussion with their teacher, and then advisor.
 - Student completes the “Level Change” form
 - After the advisor contacts the parents/guardians, the request will be forwarded to the Department Chair and College Counseling Office. Students must remain in class until the level change is approved by the Department Chair and then the Academic Dean.
 - Downward-level changes will be permitted before the start of the fifth cycle of the semester.
 - The letter grade at the time of change from the class is the grade that accompanies the student to their new class. As the semester progresses, the teacher will review the student’s grade to ensure that it accurately reflects mastery of the new course’s learning targets.
- later than 8 a.m. at least one school day prior to the assessment. If the assessments are scheduled for a Monday, then the request must be made by 8 a.m. the prior Friday.
 - The teachers involved in the request will consult, and after confirming that there are indeed three assessments scheduled (as defined above), the teachers will decide which test will be moved.
 - The teachers must respond to the student via email (not text or verbally) informing the student of the decision no later than 4 p.m. on the same day that the request was made.

WITHDRAWALS

At the start of the fifth cycle of school each semester, any requested drops will result in a W (withdrawal) grade being posted to the student’s official transcript. A withdrawal will not impact the GPA but will be understood by colleges/universities as a course incompleteness. For year-long courses, the W will be listed for the second semester on the student’s transcript only if the drop happens after the return from winter break.

INCOMPLETE (INC) GRADE

Students who receive a grade of “INC” must complete the necessary make-up work in a timely fashion according to each teacher’s guidelines before a letter grade will be assigned.

MAJOR ASSESSMENT POLICIES

Students may request that one of the assessments be moved when each all three scheduled on the same day counts for five percent or more of the semester grade. Students wishing to make this request must follow the procedure below:

- The request must be made via email (not via text or verbally) to the Department Chair and teachers of all the classes involved no



ACADEMIC SCHEDULE

A	B	C	D	E	F	G	Tuesday
<p>Advisory takes place on Mondays and Thursdays. Morning Meeting takes place on Wednesdays and Fridays. School Begins at 8:10 except on D-days and G-days – 8:40 start.</p>							
P 1 8:10 8:55	P 1 8:10 8:55	P 1 8:10 8:55	Late Start!	P 1 8:10 8:55	P 1 8:10 8:55	Late Start!	P 1 8:10 8:55
P 2 8:55 9:40	P 2 8:55 9:40	P 2 8:55 9:40	P 1 8:40 9:25	P 2 8:55 9:40	P 2 8:55 9:40	P 1 8:40 9:25	P 2 8:55 9:40
Advisory/ Morning Meeting 9:40–10:00	Advisory/ Morning Meeting 9:40–10:00	Advisory/ Morning Meeting 9:40–10:00	P 2 9:25 10:10	Advisory/ Morning Meeting 9:40–10:00	Advisory/ Morning Meeting 9:40–10:00	P 2 9:25 10:10	Advisory/Break/ Morning Meeting 9:40–10:00
P 3 10:00 10:45	P 3 10:00 10:45	P 3 10:00 10:45	Advisory/ Morning Meeting 10:10–10:30	P 3 10:00 10:45	P 3 10:00 10:45	Advisory/ Morning Meeting 10:10–10:30	P 3 10:00 10:45
P 4 10:45 11:30	P 4 10:45 11:30	P 4 10:45 11:30	P 3 10:30 11:15	P 4 10:45 11:30	P 4 10:45 11:30	P 3 10:30 11:15	P 4 10:45 11:30
P 5 11:30 12:15	P 5 11:30 12:15	P 5 11:30 12:15	P 4 11:15 12:00	P 5 11:30 12:15	P 5 11:30 12:15	P 4 11:15 12:00	P 5 11:30 12:15
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Break 1:00–1:30	Break 1:00–1:30	Break 1:00–1:30	P 6 12:45 1:30	Break 1:00–1:30	All-School Meeting 1:00–1:45	P 6 12:45 1:30	P 7 1:00 1:45
P 7 1:30 2:15	P 7 1:30 2:15	P 7 1:30 2:15	P 7 1:30 2:15	P 7 1:30 2:15	P 7 1:45 2:30	Clubs & Activities	P 8 1:45 2:30
P 8 2:15 3:00	P 8 2:15 3:00	P 8 2:15 3:00	P 8 2:15 3:00	P 8 2:15 3:00	P 8 2:30 3:15		

NOTE: All Tuesdays will begin with 1st period at 8:10 a.m. and will exclude the scheduled break or All-School Meeting and end at 2:30 p.m. **EXCEPT** D-days and G-days when classes will run on normal D-day and G-day schedules.



GRADING

Four times per year, letter grades and comprehensive teacher comments are reported to students and their parents. Semester grades are reported on student transcripts for year-long (one credit) and semester-long (half credit) courses. Final determination of any grades rests with the teacher. The following descriptions are guidelines for the final letter grades assigned:

- A+ A- – Excellent achievement: outstanding overall performance
- B+ B- – Good achievement: commendable quality of performance
- C+ C- – Satisfactory performance: competent completion of assigned work
- D+ D- – Minimal competency: unsatisfactory achievement
- F – Failure to fulfill expectations
- INC – Has not earned credit for the course

GRADE POINT AVERAGE

The grade point average is computed only from the semester grades a student earns at Lake Forest Academy. For the purpose of computation, each grade is assigned as follows:

- A+ 4.33, A 4.0, A- 3.67
- B+ 3.33, B 3.0, B- 2.67
- C+ 2.33, C 2.0, C- 1.67
- D+ 1.33, D 1.0, D- 0.67
- F 0.0

For the computation of the yearly grade point average or cumulative GPA, semester courses count one-half the equivalent of a year-long course.

ACADEMIC HONORS

Students who achieve a grade point average of 3.75 or higher for the semester earn a place on the Head of School List and Honors Study Hours privileges in the evenings. Students who achieve a grade point average between 3.5 and 3.74 earn a place on the Honor Roll for that semester.

ACADEMIC PERFORMANCE LIST

Students may also be recognized by their teachers at the end of each semester for the quality of their performance in areas which cannot be measured by grades: enthusiasm for the subject, commitment to excellence, positive attitude, seriousness of purpose, and reliability. An “APL” is added to the earned letter grade in a course if a student has demonstrated these qualities during the semester. Students who receive an “APL” in three or more subjects earn recognition by being placed on the Academic Performance List.

ACADEMIC WATCH, REVIEW, AND PROBATION

Please refer to the Lake Forest Academy Student Handbook for detailed information on monitoring academic progress.



ADVANCED PLACEMENT

LFA's Advanced Level and Advanced Placement (AP) courses have the distinction of being our most challenging programs. Students are recommended by their current classroom teachers for placement in an Advanced Level or AP course based on their performance in their current class. Admission to Advanced Level and AP courses is based on the department's recommendations. Students who are not recommended may petition their current teacher and department chair to be considered. Departmental petition processes will vary and be communicated during the Four Year Planning Process. LFA does not weight grades for Advanced Level and AP courses in computing a student's GPA.

POST-AP (P-AP)

Post-AP classes are courses students may take in after having completed the available Advanced/AP courses within each respective department.

INDEPENDENT STUDY

Lake Forest Academy believes in the concept of Independent Study for interested, qualified, and mature students. To assist our students in acquiring the techniques necessary to work independently outside the framework of standard courses, and to encourage and cultivate intellectual curiosity, LFA offers students the opportunity to construct and pursue an approved independent course of study. Independent Study is open to students of all grades, but because of the qualifications necessary for admission, our expectation is that juniors and seniors are the most natural candidates. The following general procedures are used in requesting the Independent Study program (each department may have specific guidelines or criteria that require consideration):

- An independent study must be a sixth class on a student's schedule.
- The student must have completed the highest level of class work available leading into his or her area of interest.
- The student and faculty supervisor must obtain approval for the Independent Study from the appropriate Department Chair. The completed written proposal must include the signatures of the student, supervisor, Department Chair, Advisor, and parent/guardian.
- The student will then submit their proposal to the Academic Dean by the end of the previous semester and before the new semester. The proposal should include a detailed course summary, materials covered, activities, methods of evaluation, and a schedule of meetings. Student and supervisor should expect to meet between one and three times a cycle.
- The Academic Dean will make the final decision and communicate it as soon as possible.
- Assessment will follow the normal grading procedures for a semester course. The grade is determined by the supervisor of the project. All Independent Studies are graded on a semester basis. Generally, an Independent Study represents one-quarter credit. If the student wishes to extend the study beyond the semester, a revised proposal must be submitted. The revised proposal must include the same elements as the original.
- Once an Independent Study is entered on a student's schedule, it will be subject to all of the same conditions as any other course.





CURRICULAR TRAVEL

Lake Forest Academy believes that experiential learning through local, national and international travel instills a curiosity in our students to explore and think critically. We believe it is the vehicle for personal growth to apply classroom concepts in the broader world, which enriches students' contextual understanding of global leadership competencies.

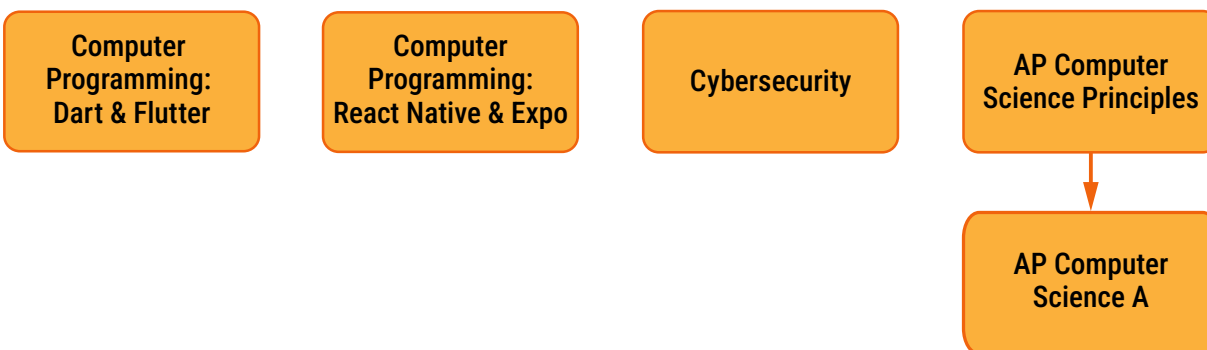
We believe in providing opportunities for educational travel experiences, which foster empathy and compassion that deepen human connections. LFA students will be positioned as global leaders adept in 21st-century skills, ready to lead with a Midwestern Heart and Global Mind. Annually, nearly 25% of LFA students are offered the chance to travel with their teachers. Students are only responsible to pay for travel insurance, passports, visas, and any required vaccinations, depending on the destination. Past trips have included destinations to the Bahamas, Costa Rica, Cuba, Dominican Republic, Guadeloupe, Martinique, Morocco, Navajo Nation in the Southwest, New York City, Olympic National Park in Washington state, Panama, Philadelphia, Taiwan, and Washington, D.C.



SCHOOL YEAR ABROAD

Lake Forest Academy is a member school of School Year Abroad (SYA), an organization that provides immersive study abroad programs to high school students. SYA operates three campuses in France, Italy, and Spain and offers year-long, semester, and summer programs. For more information, please visit www.sya.org.

Computer Science



YEAR-LONG COURSES

AP Computer Science Principles

Prerequisite: None.

[One Credit]

Open to: All grades.

This course provides a multidisciplinary introduction to the foundational principles of computation. Key topics include:

- Creative programming
- Abstractions
- Algorithms
- Large data sets
- The internet
- Cybersecurity concerns
- Impacts of computing

Students will use current technologies to create computational artifacts for self-expression and problem-solving. This rigorous and engaging curriculum aims to broaden participation in computer science and prepares students to take the AP Computer Science Principles exam.

AP Computer Science A

Prerequisite: None, though some programming experience is recommended.

[One Credit]

Open to: All grades.

This course is equivalent to a first-semester college-level computer science course. It introduces fundamental topics, including:

- Problem solving
- Design strategies and methodologies
- Data organization (data structures)
- Data processing approaches (algorithms)
- Analysis of potential solutions
- Ethical and social implications of computing

The course emphasizes object-oriented and imperative problem-solving using the Java programming language, teaching techniques that scale from simple to complex problems. The AP Computer Science A curriculum aligns with many CS1 courses at colleges and universities and prepares students for the AP Computer Science A exam.

Cybersecurity

Prerequisite: Coding or intermediate computer operating systems knowledge.

[One Credit]

Open to: Juniors and Seniors.

This course provides students with the foundational knowledge and skills to navigate the ever-evolving world of digital security. Leveraging CompTIA Security+ certification as a reference, this course covers key concepts in securing networks, devices, data, and systems from cyber threats. Students will explore topics such as risk management, cryptography, identity management, network security, threat analysis, and incident response. This course will also introduce principles of ethical hacking and how students can follow professional standards while identifying security vulnerabilities.

By the end of the course, students will have a stronger understanding of core cybersecurity principles, be prepared to pursue further studies, and consider sitting for the CompTIA Security+ certification exam.

ELECTIVES: FALL SEMESTER COURSES

Computer Science: Dart and Flutter

Prerequisite: None.

[One-half Credit]

Open to: All grades.

This hands-on, project-based course enhances problem-solving and design thinking. Computer Science with Dart and Flutter introduces students to app development for iOS and Android using a single development environment, requiring no prior programming experience. Students will:

- Modify and create projects to build skills
- Develop a final mobile app serving their community

Post-AP students who have completed AP Computer Science A can explore advanced lessons and focus on a large-scale final project.

ELECTIVES: SPRING SEMESTER COURSES

Computer Science: React Native & Expo

Prerequisite: None.

[One-half Credit]

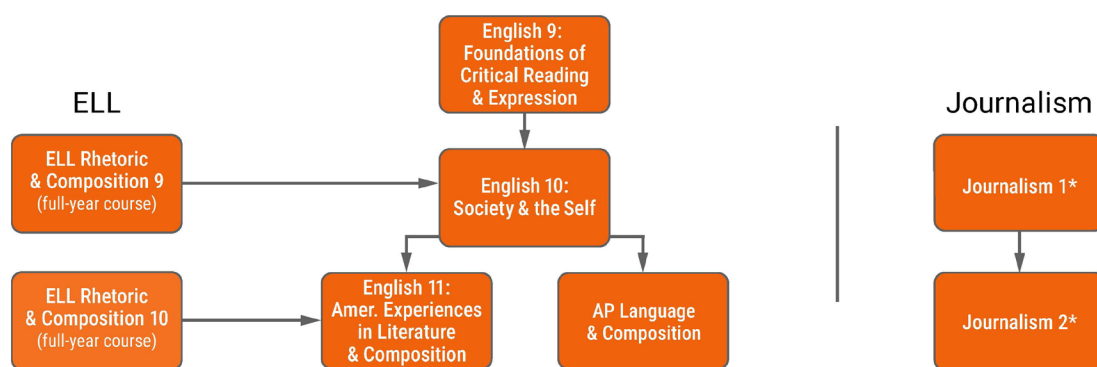
Open to: All grades.

This hands-on course enhances problem-solving and design thinking through app development with React Native & Expo. Designed for students with little or no programming experience, it introduces one of the most popular frameworks for coding iOS and Android apps in a single environment. Key features include:

- Student-centered learning with self-paced video lessons
 - A collaborative workspace for coding practice
- Post-AP students who have completed AP Computer Science A can take advanced lessons and focus on developing a large-scale final project.



English

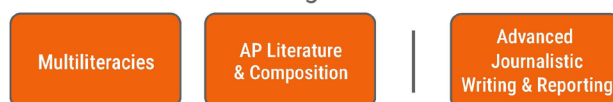


English 12 Courses

Semester-Long Electives



Year-Long Electives



* These classes are open to sophomores or juniors and fulfill a graduate elective credit, but not an English credit. Departmental approval is necessary.

YEAR-LONG COURSES

English Language Learners (ELL)

Students who need intensive English training as indicated by their TOEFL scores and their score on the SSAT Reading section are required to take ELL Rhetoric and Composition. This year-long course meets every day and is designed to give students the English language fluency to be successful in academic courses at LFA.

ELL Rhetoric & Composition

[One Credit]

This course focuses on the acquisition and application of the English language, with emphasis placed on diction, syntax, speaking and listening, critical reading and annotating, and advancing composition skills. Throughout the course, students will develop their higher-level thinking skills while forming and supporting opinions through various types of writing and speaking. Writing will include exposition and argumentation in addition to research. One day each cycle will be dedicated

to workshopping writing assignments from other classes. The course will be reflected on the student's transcript as an English credit for the year.

English 9: Foundations of Critical Reading & Expression

Prerequisite: None.

[One Credit]

Open to: Freshmen.

This foundational course introduces and develops sound reading, writing, speaking, listening, and study skills. Students investigate a variety of literary genres, including fiction, non-fiction, poetry, and drama; compose critical and creative pieces; learn fundamental research methods and present their findings with the help of traditional and leading-edge media and technology; engage in and coordinate classroom discussions; give formal and informal speeches and performances; and bolster their command of vocabulary, grammar, and literary terms. Core texts include both canonical and contemporary works. Students will

read short stories and poetry from such writers as Edgar Allen Poe, Haruki Murakami, Chimamanda Adichie Ngozi, Emily Dickinson, Langston Hughes, Sylvia Plath, Jamaica Kincaid, Oliver de la Paz, and Gabriel Garcia Marquez.

English 10: Society & the Self

Prerequisite: English 9.

[One Credit]

Open to: Sophomores.

This course reinforces and extends students' creative and critical thinking through texts that explore the complicated intersection of individual identity and societal systems - including dystopian worlds, family and community structures, the natural environment, and historic forms of systemic oppression. Students will hone their skills as critical readers, writers, and thinkers, and have ample opportunity to write about their own situations within societies that belong. The year culminates with a substantial personal essay, developed over the course of the spring semester and in consultation with the instructor. In addition to longer core texts, students will read multiple short pieces by writers such as Margaret Atwood, Lucy Tan, Octavia Butler, Kurt Vonnegut, Ray Bradbury, Adjei Brenyah, James Baldwin, Langston Hughes, and Ta-Nehisi Coates.

English 11: American Experiences in Literature and Composition

Prerequisite: English 10.

[One Credit]

Open to: Juniors.

This course offers students opportunities to experience literature of various genres to promote their abilities as readers and writers while engaging them in deep critical thinking about ideas and social practices that shape American culture. The course is divided into thematic units that investigate the experiences and beliefs that have shaped American experiences such as immigration, the American Dream, and the struggle for freedom and equality. Students will read novels, short stories, poetry, and essays by diverse American voices both past (such as Nathaniel Hawthorne, Walt Whitman, F. Scott Fitzgerald, and Martin Luther King, Jr.) and present (Elizabeth Acevedo, Celeste Ng, Jhumpa Lahiri, and Robin Wall Kimmerer). A daily writing practice offers

students a space to think in response to reading, and frequent opportunities for composition deepen student's capacity for close reading, self-expression, and independent thinking. **NOTE:** This course has a summer reading assignment due at the beginning of the year.

English 11: AP Language & Composition

Prerequisite: English 10 and Department Approval.

[One Credit]

Open to: Juniors.

This college-level course is designed to challenge students through fiction and nonfiction texts spanning genres and historical time periods so they gain a broad understanding of the ways in which various writers use resources of language and argumentative techniques. Likewise, students are encouraged to adopt these stylistic and rhetorical strategies to empower them as confident, flexible, and expressive writers. In preparing for the AP English Language and Composition Exam, students will work on critical reading skills, rhetorical analysis, synthesis, and argumentation. Assessments include timed writings, process papers, and tests based on "cold" readings. In addition to longer core texts, students will read multiple short pieces by writers such as Judith Cofer-Ortiz, Kesaya E. Noda, W.E.B. Du Bois, Ngugi wa Thiong'o, Zora Neale Hurston, Rachel Carson, Annie Dillard, Deborah Tannen, Jonathan Swift, and Patrick Henry. **NOTE:** This course has a summer reading assignment due at the beginning of the year.

Journalism 1

Prerequisite: None.

[One Credit]: Does not count toward English graduation requirement.

Open to: All grades.

Journalism 1 is designed to give students an introduction to several key journalistic skills and topics, including the responsibilities of being a journalist, journalistic ethics and law, news writing, features writing, opinion writing, sports writing, interviewing, developing a nose for news, covering a beat, copy editing, writing headlines and photography basics. Students will also gain exposure and practice in the modern news world of digital media, including web editorial writing

and the role of social media platforms and podcasting. Many of the lessons presented in class will focus on real-world examples, using both professional publications and *The Spectator* as starting points for discussion. No previous experience is required; personal integrity and an eagerness to learn are required. After taking this course, students will be eligible to join and write for the newspaper. Students will try their hand in all genres of newspaper writing during the year. Students will be graded according to effort, meeting deadlines, and mastery of class topics.

Journalism 2

Prerequisite: Journalism 1.

[One Credit]: Does not count toward English graduation requirement.

Open to: All grades.

This course will give students the opportunity to learn about journalism firsthand by producing a monthly newspaper, corresponding news website, and developing content for various social media platforms in a professional manner, just as they would in many of today's journalism and marketing positions. Every student focuses on producing the print publication, but also gains skills

and experience working on the digital publication and podcasting concurrently. Students write in a variety of genres, from straight news writing to features and opinion writing. Students will cover beats around the school and will have real input into what goes into print or onto the web each month. Due to the team- and deadline-driven nature of publication, students on the newspaper must be willing to communicate proactively and openly about the status of their ongoing work with their classmates and the teacher and show a real commitment to meeting deadlines consistently. The class will help students develop the following skills: effective and powerful writing for publication, multimedia journalism, time management, making ethical decisions in a real-world setting, working with others to get jobs done, effective reporting, effective interviewing, as well as giving and receiving feedback. Students will utilize their basic photography, page design, and graphic skills introduced in Journalism 1, while enhancing and building upon those skills throughout the year. The publication process will also afford opportunities to explore some concrete and theoretical topics of journalism, based upon the national trends or stories of the day.

SENIOR COURSES (ENGLISH 12)

*Note: While the focus of each senior course varies, all students will read, write, and present.

Senior courses are open to sophomores and juniors only as noted. These courses are taken concurrently with their required grade-level course.

These additional courses will count towards a general elective credit, but not an English Department credit. Departmental approval is required.

YEAR-LONG COURSES

Multiliteracies

Prerequisite: None.

[One Credit]

Open to: Seniors.

In addition to reading traditional texts, multiliteracies explores the impact and influence of mass media and popular culture by examining texts such as films, songs, video games, action figures, advertisements, clothing, billboards, television shows, magazines, newspapers, photographs,



and websites. These texts abound in our electronic information age, and the messages they convey, both overt and implied, can have a significant influence on students' lives. For this reason, critical thinking as it applies to media products and messages assumes a special significance. Understanding how various texts are constructed and why they are produced enables students to respond to them intelligently and responsibly. This course will examine fact and opinion, the credibility of sources, and bias. This course will focus on different kinds of literacy skills in the 21st century, including media, film, and digital literacies. Throughout the course, students will engage in reading, writing, speaking, listening, and performing activities.

AP English Literature & Composition

Prerequisite: An A on the AP Language and Composition semester one final exam or departmental approval through the petition process.

[One Credit]

Open to: Seniors.

This is a college-level course for students who have demonstrated a keen interest in literature and success in analytical writing. The course is designed to further cultivate those students' critical capacities as readers and writers through studying a wide variety of authors, styles, and literary periods. Classes are predominantly discussion-based, with particular emphasis on the finer points of literary craftsmanship. The course requires reading with breadth and depth; students should expect 30-40 pages of nightly reading and frequent writing assignments. Students are evaluated on the basis of their mastery of content and terminology, the precision and clarity of their analytical writing, and the originality of their creative expression. While the course will prepare students for the Advanced Placement exam, its larger aim is to cultivate in them an appreciation of the lifelong value of engaged reading and lively critical thinking. In addition to longer core texts, AP students will read numerous shorter works by authors such as Elizabeth Bishop, Theodore Roethke, Gwendolyn Brooks, Langston Hughes, Emily Dickinson, Robert Frost, Jean Toomer, John Donne, Ernest Hemingway, and others. **NOTE:** This course has a summer reading assignment due at the beginning of the year.

Advanced Journalistic Writing & Reporting

Prerequisite: Journalism 1 and Journalism 2.

[One Credit]

Open to: Seniors.

This course will focus on leadership, project management and brand development/management as they relate to writing are taught as well as media literacy with an emphasis on accurate and equitable representation of populations in the news. In addition to taking a leadership role in the management and execution of assignments, students will also serve as writers, reporters, and commentators, focusing on honing their writing skills through pieces that require more advanced nuance, style, and reflection. This will include hard news, opinion, sports, digital media, and podcasting. Students will need to independently monitor a consistently published workload, including written assignments and editorial responsibilities for the monthly paper, as well as creating written and multimedia content for a daily updated website. Some students will take on leadership roles such as an Editor in Chief or a Managing Editor for one of the sections of the print and digital editions of the school's newspaper, The Spectator. Students will be graded according to editorial leadership, ability to meet deadlines, and the quality and growth of their report writing. Throughout the course, students will engage in reading, writing, speaking, listening, and performing activities.

ELECTIVES: FALL SEMESTER COURSES

Creative Writing Workshop

Prerequisite: Departmental approval for Sophomores and Juniors.

[One-half Credit]: Does not count toward English graduation requirement for Sophomores and Juniors.

Open to: Sophomores and Juniors with departmental approval and all Seniors.

Students in this course learn to write in a variety of genres, including fiction, poetry, drama, and personal narrative, and may choose to specialize in one or more of these. The class emphasizes the process of creating original pieces from brainstorming and revision through final draft and possible submission for publication. The workshop format provides not only also group analysis of models by established authors, but also collegial

discussion of original student work. Learning to read as writers seeking to discover and adopt the techniques found in those models aids students in producing a final portfolio of their work. This one-semester course can be taken either semester but not both.

Debate

Prerequisite: Departmental approval for Sophomores and Juniors.

[One-half Credit]: Does not count toward English graduation requirement for Sophomores and Juniors.

Open to: Sophomores and Juniors with departmental approval and all Seniors.

The emphasis in this class is on the written preparation for an oral debate rather than the debate itself; however, the debate performance requires students to anticipate and offer rebuttals to the opponent's argument with poise and confidence. Students will engage in sound research practices to locate credible evidence about current issues and events before writing a claim that is then developed through effective organization and reasoned arguments. This one-semester course can be taken either semester but not both.

Murder, Mystery, & Mayhem in Detective Fiction

Prerequisite: None.

[One-half Credit]

Open to: Seniors.

As the old saying goes, "if it bleeds, it leads," and it's true: fictional mysteries have captivated hearts and minds for centuries. This first semester course will begin by analyzing classic tales of horror and suspense before moving on to contemporary "whodunits" in various mediums such as short stories, novels, and films. Throughout the course students will improve their skills in critical thinking, close reading, analytical writing, creative writing, and discussion.

Cuisine, Culture, & Community in Asian Literature

Prerequisite: None.

[One-half Credit]

Open to: Seniors

In this course, students will explore Asian and Asian American literature from the 20th century into the contemporary period through a range of

texts spanning from novels and films to cookbooks and the items stocked in local grocery stores. The class will build upon students' reading, analytical, and writing skills through a diverse range of texts that center around celebrating the diversity of Asian cultures and cuisines found globally and within our community and examine how the kitchen and dining table serve as places for gathering, reflection, and growth. This course is for any foodie, those who have found themselves drooling over Studio Ghibli food, and anyone who is interested in indulging in rich and delectable texts.

ELECTIVES: SPRING SEMESTER COURSES

Creative Writing Workshop

Prerequisite: Departmental approval for Sophomores and Juniors.

[One-half Credit]: Does not count toward English graduation requirement for Sophomores and Juniors.

Open to: Sophomores and Juniors with departmental approval and all Seniors.

Students in this course learn to write in a variety of genres, including fiction, poetry, drama, and personal narrative, and may choose to specialize in one or more of these. The class emphasizes the process of creating original pieces from brainstorming and revision through final draft and possible submission for publication. The workshop format provides not only also group analysis of models by established authors, but also collegial discussion of original student work. Learning to read as writers seeking to discover and adopt the techniques found in those models aids students in producing a final portfolio of their work. This one-semester course can be taken either semester but not both.

Get a Clue: True Crime Stories

[One-half Credit]

Prerequisite: None.

Open to: Seniors.

With the 24-hour news cycle and our immediate and endless access to media, true crime is at our fingertips more so than ever before, and new mediums—such as the hit podcast Serial—have proliferated. This second semester course will shift from fictional stories to true crime as students trace changing attitudes about race, gender, men-



tal illness, and morality in relatively new genres of investigative journalism in podcasts and documentaries. Students will continue to hone their critical thinking, close reading, and discussion skills while also practicing sound research, expository, and research writing. Anyone interested in this course should note that we will discuss the nature of these crimes with respect and avoid sensationalizing in order to honor victims' stories and work to build understanding, awareness, and empathy.

Immigration & Integration in Asian Literature

Prerequisite: None.

[One-half Credit]

Open to: Seniors.

In this course, students will explore Asian and Asian American literature and storytelling beginning with children's folktales and fairy tales and ending with modern-day depictions of Asian life, literature, and culture in film and television. The class will focus on equipping students with contextual knowledge of the histories of various Asian populations, tracing these histories through

to the contemporary period, and building upon students' reading, analytical, and writing skills through a diverse range of stories told by Asian immigrants and their following generations.

Debate

Prerequisite: Departmental approval for Sophomores and Juniors.

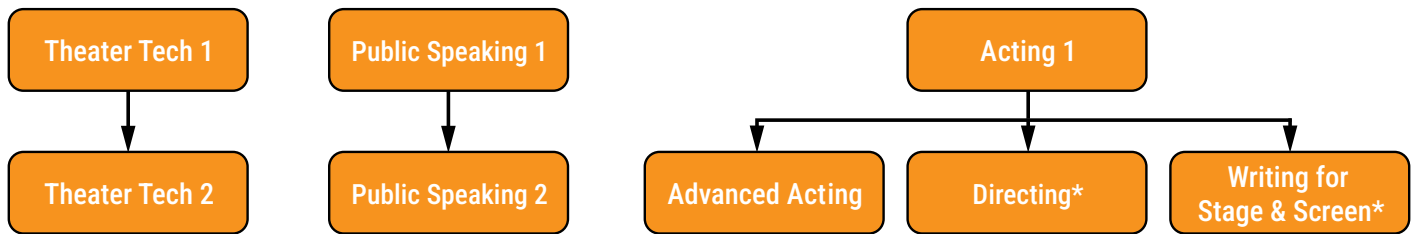
[One-half Credit]: Does not count toward English graduation requirement for Sophomores and Juniors.

Open to: Sophomores and Juniors with departmental approval and all Seniors.

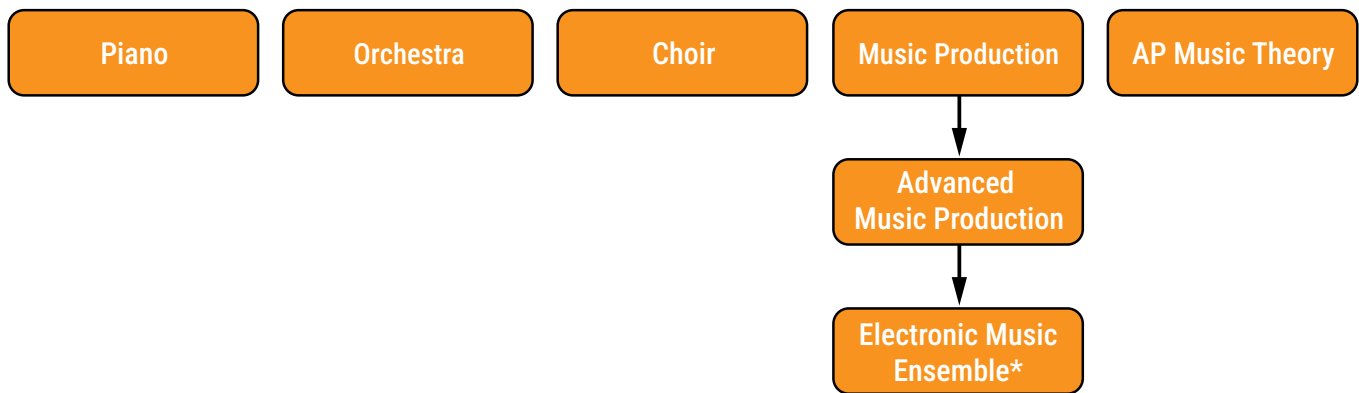
The emphasis in this class is on the written preparation for an oral debate rather than the debate itself; however, the debate performance requires students to anticipate and offer rebuttals to the opponent's argument with poise and confidence. Students will engage in sound research practices to locate credible evidence about current issues and events before writing a claim that is then developed through effective organization and reasoned arguments. This one-semester course can be taken either semester but not both.

Fine & Performing Arts

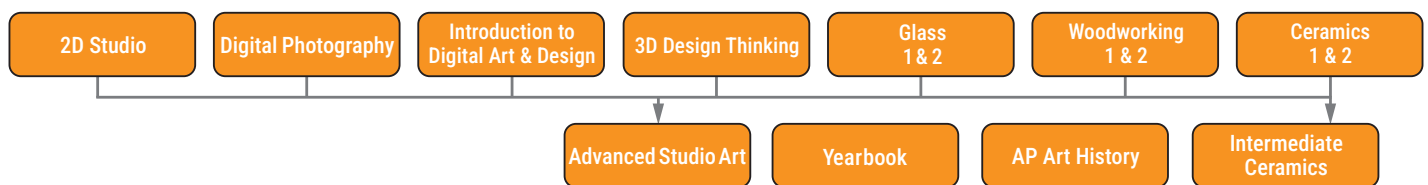
Theater



Music



Visual Arts



YEAR-LONG COURSES

Acting 1

Prerequisite: None.

[One Credit]

If you've ever wondered what it would feel like to act onstage, or if you've acted before and are looking for a structured exploration of the craft, this course is an approachable and methodical introduction to live performance. Students will finish the course comfortable and confident onstage, able to create a character, react to dramatic circumstances, use their voice and body effectively, and work on a creative team. This year-long

class focuses on auditions, fundamentals of voice and movement, interpreting monologue, beginning scene work and analysis, and ensemble movement, acting, and collaboration.

Advanced Acting

Prerequisite: Acting 1 or departmental approval.

[One Credit]

For students who have completed Acting 1 or who have substantial previous acting experience, this class is the challenging next step in contemporary performance technique as well as period styles. Students will deepen their ability to create

and portray characters and to analyze scripts from an actor's perspective, to interact with directors and ensemble members in both scripted and devised processes, and to best understand their voice and body as instruments.

Advanced Studio Art

Prerequisite: Two or more consecutive visual arts courses or departmental approval.

[One Credit]

This is a rigorous course, which requires the production of an extensive portfolio. Through direct teacher instruction, individual and group critiques, and independent focused studio activity and research, students will acquire the conceptual, technical, and critical abilities to execute their personal ideas and complete a portfolio which demonstrates mastery in concept, composition, and execution. A major gallery exhibition will be presented in late spring featuring work completed during the year. This course is open to juniors and seniors. Open Cressey hours in addition to class periods are required as part of the expectations of this course.

AP Art History

Prerequisite: World History 2 (including concurrent enrollment).

[One Credit]

This course offers a broad, global survey of the world's various artistic traditions from antiquity to present day. The course familiarizes students with some of history's most important achievements in the visual arts and architecture, as well as with larger patterns of artistic production and consumption that unfolded over time. Students also learn to recognize the ways in which art-making intersects with other cultural formations, such as religion, economies of exchange, and political ideologies among others, and in turn how these contexts can be used to construct historically-grounded interpretations of art objects. Assessments consist principally of exams and papers that will reinforce students' capacity for visual analysis and evidence-based observation and interpretation. Students with no studio art experience are welcome to take the course.

AP Music Theory

Prerequisite: Departmental approval.

[One Credit]

In AP Music Theory students first learn fundamental rudiments of music reading, writing, and listening. Beginning with basic note identifications and music organization, students will progress through learning elements of harmony, rhythm, and musical structure. Second semester course content includes such topics as advanced harmony, analysis, composition, sight-singing, harmonic and melodic dictation, and form. Ear training skills are emphasized through written and aural topics. While musical study will focus on Classical and Romantic era music, jazz and popular styles will also be discussed.

Choir

Prerequisite: None.

[One Credit]

Choir provides students with a rigorous and engaging vocal performance experience, encompassing a repertoire that ranges from contemporary arrangements to classical choral works. This course prioritizes ensemble participation and performance, allowing students to hone their vocal and collaborative skills. In addition to ensemble repertoire, students will explore elements of music theory and history, enriching their understanding of the musical context. The choir presents four major concerts annually, with additional performance opportunities throughout the year. While prior choral experience is encouraged, it is not a prerequisite for participation.

Directing

Prerequisite: Advanced Acting or departmental approval.

[One Credit]

Working with actors, technicians, musicians, and writers to communicate a vision to an audience is complex, challenging, and deeply satisfying. Directing requires a focused and well-rounded interpretive artist and a skilled leader. This course is an in-depth study of theater directing and the

collaborative process involved in producing a play. Focuses include script analysis, thematic research, concept development, and actor coaching. Students will be required to think creatively, act industriously, and communicate effectively. Participants will develop essential skills in collaboration and project management. They will work with peer actors, present directed work to the LFA community, and learn to process critical feedback from their collaborators and audience.

Electronic Music Ensemble

Prerequisite: Advanced Music Production or departmental approval.

[One Credit]

This course serves to give students an outlet for collaborative exploration, improvisation, and organized performance of both the traditional dance-oriented and the experimental forms of electronic music. Heavy emphasis is placed on group composition and improvisation, while iOS fluency remains paramount to an individual musician's success in the course. Students may expect to demonstrate the musical potential of various technologies, interpret notated pieces (for both solo and ensemble), collaborate with other musicians in composing new works for group performance.

Orchestra

Prerequisite: None.

[One Credit]

Orchestra is offered to students who have an instrumental performance background and a desire to perform great instrumental works together. Orchestra members must have at least a basic level of independent musical ability on their instruments, as well as experience playing in other large ensembles. Students will prepare music for performances while gaining musical skills from scale playing, basic music theory, and rhythm reading. While there is no set requirement for individual practice, students are expected to maintain a satisfactory level of performance on all assigned music. Orchestra performs at vari-

ous times throughout the year including Parents Weekend, seasonal concerts, Graduation, and Move-Up Day. Other performance opportunities include Alumni Weekend, the LFA Spring Gala, and school assemblies. Additional performances may include, but are not limited to, off-campus concerts and adjudications.

Digital Photography

Prerequisite: None.

[One Credit]

This course is an introduction to the overarching concepts and ideas of both film and digital photography and will also incorporate aspects of video, film, and animation. You will be introduced to a wide variety of tools and techniques surrounding photography and digital media including 35mm film and cameras, film scanners, mobile devices and apps, digital SLR cameras, film and paper development, and digital darkroom techniques. Ultimately, you will spend much of the time in the "making" phase. The class will focus on experimentation and understanding of basic concepts within these mediums. The goal is to get to a point where you can utilize the concepts and techniques in order to create more thought-provoking art pieces that express an idea and are visually appealing.

Piano

Prerequisite: None.

[One Credit]

This course is an introduction to piano playing and music concepts through a group-learning format. Students work together to learn beginning musical skills such as note reading and rhythm, and apply them daily in their musical efforts. Class activities include technique skills such as scales and arpeggios, group pieces, and solo repertoire. Regular assignments and playing assessments are given, and individual practice outside of class time is stressed to help develop playing ability. The highlight of each semester is a class piano recital performed for friends and family. This class is intended for pianists at the beginning level, and more advanced pianists should speak with the instructor about individual lessons.

2D Studio: Drawing, Painting, & Printmaking**Prerequisite:** None.**[One Credit]**

In this course, we will work from the basis of both imagined and observational two-dimensional art making in order to develop and express our ideas visually. We will work with a variety of drawing, painting and printmaking materials as we explore the development of artistic compositions. The course will focus on experimentation and understanding of basic concepts as we seek to discover, refine, and enhance our individual artistic styles. Moreover, this course is designed to promote experimental thinking and risk-taking within the two-dimensional medium. Art media might include: graphite, colored pencil, charcoal, pastel, watercolor, gouache, acrylic, and oil paint. We will explore various techniques for rendering the illusion of objects in space including the use of simple shapes, ellipses, construction lines, perspective, negative space, and the manipulation of light and shadow. The emphasis is on the acquisition of skills and the recognition and development of personal style.

Yearbook: Publications**Prerequisite:** None.**[One Credit]**

This course teaches students the skills required to create and produce a book which reflects journalistic standards. Students will also learn to write copy, captions, and headlines; take digital photography; create desktop publishing, and use appropriate technology tools for media production. In order to accomplish these objectives, the course will devote time to the following: desktop publishing with eDesign, incorporating advanced design principles such as grid design, and understanding layered coverage while developing student leadership skills and decision-making.

Intermediate Ceramics**Prerequisite:** Ceramics 2 or departmental approval.**[One Credit]**

This course is a continuation of hand-building techniques, wheel throwing, and other advanced techniques. This class focuses on the creative approach to each project, starting with sketches and thumbnails, planning the construction of the complex pieces with both hand-building, wheel throwing and slip casting techniques. In addition, students will experience glaze mixing and testing with the goal of creating personalized glazes. They will also extend their ceramic/art history and theory research to fuel the development of content in their own artwork. This course meets three times per cycle for two semesters.

ELECTIVES: FALL SEMESTER COURSES**Ceramics 1****Prerequisite:** None.**[One-half Credit]**

This course introduces students to creating and using the pottery wheel by sculpting clay by hand. Students will learn various techniques for adorning the surface of their clay objects using glazing and printmaking methods. Students will explore the historical significance of ceramics in various cultures as well as the aesthetic traditions of making functional pottery. Through this exploration, students will become proficient in a number of skills that are used when working with clay, including: throwing and trimming work on the pottery wheel, slab building, coiling, and basic surface decoration techniques.

Music Production**Prerequisite:** None.**[One-half Credit]**

From beat production to experimental music, technology plays a foundational role in the creation of music today. In this class, we dive right in with simple tools that will have you making music regardless of your previous experience. As the semester progresses, you will learn the processes in order to take your music to the next level while learning more advanced skills in



production. A large portion of the technology in class will be provided, including access to professional-level music production software (Logic Pro X). iPads are required for use with TableTop, which is a free app that will require some in-app instrument purchases. By the end of the term, you will be ready to produce your own beats, program synths for EDM, or record original music.

Foundations in the Visual Arts

Prerequisite: None.

[One-half Credit]

This course will give students the foundational skills and content needed to pursue classes within the visual arts while exploring their creativity. Explorations will be made through the study of paintings, sculpture, ceramics, photography, printmaking, and experimental art. Students will engage in project based learning opportunities and learn to critique work whilst decoding their own aesthetic expressions. Through projects, peer critique, and discussion, students will gain an understanding of the limits and potential of the various two- and three-dimensional media—including painting, ceramics, photography, printmaking, and multimedia—through experiential

tion and process. Close looking at works made by artists past and present will complement these projects to familiarize students with the principal design elements that artists use purposefully to elicit audience responses and introduce them to a common vocabulary for referring to those elements and their effects. Strongly recommended for all students interested in the Visual Arts.

Glass 1

Prerequisite: None.

[One-half Credit]

This course is an introduction to the fundamentals using glass to create functional and sculptural art. Students will be introduced to glass kilns, programming computerized controllers, creating firing schedules, annealing, mold making, lost wax casting, coldworking, and fusing and slumping processes. As a class we will examine historical, technical, and contemporary practices in studio glass, as well as examining the work of a number of contemporary studio glass artists.

Public Speaking 1**Prerequisite:** None.**[One-half Credit]**

There is no field of endeavor in which participants do not benefit greatly from effective skills in communication and persuasion. Confident bearing, ability to craft convincing arguments, and facility with language are universal keys to success. This course teaches methods, strategies, and physical techniques for speaking in front of an audience. Students will learn to formulate specific purpose statements, analyze and adapt to audiences, organize ideas, recognize rhetorical and logical strategies, choose language deliberately, construct outlines, and write and deliver credible presentations, becoming more effective speakers and more critical audience members.

Introduction to Digital Art and Design**Prerequisite:** None.**[One-half Credit]**

Introduction to Digital Art and Design is a dynamic and comprehensive course designed for high school students interested in exploring the exciting realm of digital art and design. Through this course, students will learn the fundamental principles and techniques necessary to create visually stunning digital artwork, illustrations, and designs using a variety of digital tools and software.

Theater Technology 1**Prerequisite:** None.**[One-half Credit]**

This is an introductory course which investigates the technical aspects of designing and running a theatrical production. This course will introduce students to the basic principles of scenic design, sound design, and lighting design as well as other aspects of technical theater. Students will learn to safely use many of the tools and equipment required to set the stage for a performance. Students will be involved in all aspects of production, from conceptualization and construction to operation and management. As an aspect of the course, students will be required to serve as technical crew for many of the Academy's productions and special events.

Woodworking 1**Prerequisite:** None.**[One-half Credit]**

This course is designed to expose students to the fundamental elements and skills of basic woodworking. Students will understand the safe, effective and efficient use of both hand and power tools, while emphasizing craftsmanship, planning, and finishing. As students progress, they will create various woodworking projects that reinforce and challenge skills while exploring areas of functional object making.

Writing for Stage & Screen**Prerequisite:** English 9, Acting 1, or departmental approval.**[One-half Credit]**

Does the notion of seeing characters you've created come to life (played by actors) interest you? Have you ever considered writing your own one-act play? How about performing a monologue in your own voice or as a character as in "The Santaland Diaries" or "Miranda Sings"? Would you like to perform slam poetry, or create a scripted podcast like "Welcome to Nightvale" or "36 Questions?" Students in this course analyze classic or critically lauded text from each form (traditional representation one-acts, monologue, slam, and scripted podcast), identifying and discussing essential components and values including character voice, plotting, pacing, and "movement in space." Once familiar with the structure and requirements of the studied forms, students will develop a portfolio of their own work, responding to technique-specific writing prompts and utilizing daily feedback from peer writers, performers, and the instructor in a writing lab/workshop environment. In addition to creating theatrical artifacts, students will gain critical insight towards the appreciation of scripted performance. Students will see and critique live performance on and off-campus and work by each student will be performed publicly by the authors or using student actors from within and without the class.

3D Design**Prerequisite:** None.**[One-half Credit]**

3D Design is an active class where students will engage in generating ideas, solving problems, thinking, and visualizing three-dimensionally through the understanding of the fundamentals of design. Students will examine historical examples of design challenges and their successful and failed outcomes. In addition, students will be responsible for developing successful design solutions for both individual and group projects. Students will explore fabrication techniques for a variety of materials; will learn how to make models, and use computer-aided design programs to illustrate their design concepts.

ELECTIVES: SPRING SEMESTER COURSES**Advanced Music Production****Prerequisite:** Electronic Music 1 or departmental approval.**[One-half Credit]**

Once you are familiar with the creative process in Ableton Live, Soundtrap, and other production tools (from Electronic Music 1), you are ready to delve into the world of advanced music production and collaborative music making. This class will focus primarily on development of musical style and composition technique through guided tutorials, discussions about basic music theory, and listening assignments. Students will engage in project-based learning activities that require them to compose a piece of music within certain parameters, then look to add their own ideas through the editing and mixing process. The class will include opportunities to share finished work with the community in a variety of venues.

Ceramics 2**Prerequisite:** Ceramics 1 or departmental approval.**[One-half Credit]**

This course builds on skills learned and practiced in Ceramics 1. Students in Ceramics 2 move on to more challenging techniques in hand-building, including coil pots and large-scale slab construction. Wheel work focuses on mastering form and throwing larger, more complex work. An introduction and mastery of mold making and slip casting techniques are discussed. Self-evaluation and

weekly practice outside of class time are important parts of the learning process during throughout the course.

Glass 2**Prerequisite:** Glass 1.**[One-half Credit]**

This course provides an opportunity for experienced Glass students to explore the sculptural, conceptual, and functional aesthetics of glass as an artistic media. Students will gain a thorough knowledge of glass chemistry to understand how to manipulate copper, sulfur, and lead bearing glasses to produce color reactions. As a class we will explore advanced techniques for working in kiln-formed glass such as; glass casting, mold-making, printing imagery on glass and triaxial blending to develop custom glass colors.

Public Speaking 1**Prerequisite:** None.**[One-half Credit]**

There is no field of endeavor in which participants do not benefit greatly from effective skills in communication and persuasion. Confident bearing, ability to craft convincing arguments, and facility with language are universal keys to success. This course teaches methods, strategies, and physical techniques for speaking in front of an audience. Students will learn to formulate specific purpose statements, analyze and adapt to audiences, organize ideas, recognize rhetorical and logical strategies, choose language deliberately, construct outlines, and write and deliver credible presentations, becoming more effective speakers and more critical audience members.

Public Speaking 2**Prerequisite:** Public Speaking 1.**[One-half Credit]**

Public Speaking 2 builds upon the fundamental concepts of speech organization and presentation from Public Speaking 1. The course will explore the composition and execution of a variety of extemporaneous speeches from elevator pitches to product reviews. Students will focus on staying audience-centered and benefits focused, organizing thoughts quickly and practically and staying enthusiastic but conversational in their delivery. The course will benefit students con-

sidering a variety of education and career paths, including business, media, public policy, and the hard sciences.

Theater Technology 2

Prerequisite: None.

[One-half Credit]

This course offers a more comprehensive study into the various elements of technical theater production, including lighting, sound, and scenic design. Continuing themes from the previous course, students will explore various production roles, and develop management and production skills while creating and implementing original technical designs. Students will be expected to draw on knowledge from the previous course while mastering new concepts and skills. Students will be involved in all levels of production, from conceptualization and construction through operation and management. As an aspect of the course, students will serve as technical crew for many of the Academy's productions and special events.

Woodworking 2

Prerequisite: Woodworking 1.

[One-half Credit]

Woodworking 2 is a semester-long course designed to build upon the skills and concepts gained within the Woodworking 1 course. Students will use many of the same tools from the first course but with different operations expecting different results. This course will challenge students to develop compound problem-solving skills while working to develop self-reliance, higher order tool skills, ingenuity, and perseverance.

3D Design

Prerequisite: None.

[One-half Credit]

3D Design is an active class where students will engage in generating ideas, solving problems, thinking, and visualizing three-dimensionally through the understanding of the fundamentals of design. Students will examine historical examples of design challenges and their successful and failed outcomes. In addition, students will be responsible for developing successful design solutions for both individual and group projects. Students will explore fabrication techniques for a



variety of materials; will learn how to make models, and use computer-aided design programs to illustrate their design concepts.

Introduction to Digital Art and Design

Prerequisite: None.

[One-half Credit]

Introduction to Digital Art and Design is a dynamic and comprehensive course designed for high school students interested in exploring the exciting realm of digital art and design. Through this course, students will learn the fundamental principles and techniques necessary to create visually stunning digital artwork, illustrations, and designs using a variety of digital tools and software.

Global



“Globalization requires a new emphasis on global citizenship education. This means helping students understand and appreciate human rights and shared global challenges, thus becoming engaged citizens. To do this well, a purposeful and high-quality global citizenship curriculum is essential.”

- Empowering students to improve the world, Fernando M. Reimers

The Global curriculum is designed by incorporating the Global Competence Matrix adapted from the Asia Society and World Savvy’s Matrix of Global Competence. Additionally, our global curriculum is tied to the 17 goals of the United Nations Sustainable Development (UNSD) and the Global Education First Initiative (GEFI). In the Global Program, students will learn about globalization. Students will learn about global challenges and issues and be able to identify and elaborate on those issues. Students will understand, embrace, and learn to value different perspectives and obtain the capacity to collaborate effectively with people from different parts of the world. At the end of the program, students will have developed the ability to take action toward shared global challenges and be part of change! The final product of this program is a Capstone project in which students identify one global issue, research it in both local and international contexts, suggest a solution, and implement it locally.

This program is meant to enhance students’ 21st-century education by helping them become lifelong learners. The Global Program aims to inspire students to do, to be, and live together productively.





Competencies

Prerequisite: None.

[Non-Credit]

Open to: Freshmen.

In this one-semester, once per cycle seminar course, freshmen students have the opportunity to explore the four domains of global competence including investigating the world, valuing different perspectives, communicating ideas, and acting on global issues. They will engage with these concepts via hands-on projects, interactive activities, guest speaker sessions, on-site visits and field trips. As students are introduced to familiar and new concepts in a global context, they are also guided to build connections between themselves and this increasingly interconnected world.

Global Concentration: Cohort

Prerequisite: This class can be taken in addition to a full course load with Academic Dean approval.

[One-half Credit]

Open to: Sophomores and Juniors.

In this two-year concentration, students begin working with a cohort of classmates. The cohort design is at the heart of the Global Concentration and is what makes it unique. Students will be part of this dynamic, student-driven cohort for both years of the program. This will allow students to collaborate, developing their skills and delving into a variety of topics. The cohort is designed to be purposeful, reflective, interdisciplinary and collaborative. Multiple off campus experiences are included in the program.

Global Concentration: Capstone

Prerequisite: Juniors and Seniors who have completed Global Concentration Cohort. This class can be taken in addition to a full course load with Academic Dean approval.

[One-half Credit]

Open to: Seniors.

In the final year of the Global Concentration, students will continue to work in their cohort and develop a deeper and expanded understanding of a variety of global topics. They devote much of their time to their individualized capstone project, working closely with a mentor to help them develop their project. Engaging with a community outside of Lake Forest Academy is a key requirement of each student's capstone work. The final capstone presentation is an opportunity for all students in the program to showcase their work to the wider community.



Health, Wellness, and Community



YEAR-LONG COURSES

"Health is a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity."

- World Health Organization

The Health, Wellness, and Community (HWC) program offers students opportunities to develop meaningful insights into community, leadership, wellness, and self-awareness. HWC classes are held in small groups twice during each seven-day cycle for freshmen and sophomores, transitioning to once per cycle during junior and senior years. Discussions and activities evolve in depth and complexity to align with the stages of adolescent development.

Through this program, students gain a deeper understanding of themselves, their roles within the school, and their place in the wider world. The competency-based curriculum provides a supportive environment for students to practice 25 specific skills organized into four key areas: self-discovery and personal growth, fostering connections within and beyond the school, active community engagement, and cultivating a sense of social responsibility.

Health, Wellness, and Community 9 Required.

[Pass/Fail]

The freshman-year program focuses on helping students transition to and adjust to life at the Academy by encouraging them to explore what it means to be part of the school community. Students examine strategies for both academic and social success while reviewing school rules, expectations, and the four pillars of the school mission. Key topics include study skills, time management, and exam preparation.

The program also emphasizes the value of multiculturalism and pluralism within the Academy's diverse student body. Through discussions on identity, students reflect on what shapes who they are and create multimedia presentations showcasing the aspects of identity they find most significant.

In the realm of physical health, students learn about nutrition, exercise, disease prevention, safety and disaster preparedness, first aid, suicide prevention, stress management, substance use prevention, and healthy relationships. This comprehensive survey enables students to identify their personal strengths and areas for growth, equipping them for success in the school community.



Health, Wellness, and Community 10

Required.

[Pass/Fail]

Sophomores focus on developing self-awareness and self-management skills, fostering a deeper understanding of their values, beliefs, perceptions, and interpretations. This reflective process enhances their self-efficacy and ability to communicate their perspectives effectively while advocating for their beliefs, values, and authenticity. These relationship skills empower students to engage in civic responsibility, leadership, and community-building.

Sophomore year also builds on the school's Service Learning Program. By examining current social issues alongside their personal service experiences, students are encouraged to reflect on how their values and beliefs can drive meaningful change in the world. During Sophomore HWC, students will examine the root cause of social issues and learn from community experts to better understand how these issues are being addressed on local, national, and international levels. The service-learning curriculum concludes by applying what they have learned to a hands-on service experience, followed by a reflection and demonstration of their learning.

Health, Wellness, and Community 11

Required.

[Pass/Fail]

Juniors build on their health education with age-appropriate topics in sexual education and personal well-being. They practice self-management, responsible decision-making, and relationship skills while exploring subjects such as

communication and consent, recognizing and addressing abusive relationships and peer pressure, sexually transmitted diseases, contraceptives, body image, eating disorders, navigating rejection, stress management, sleep hygiene, and dental health.

In addition, juniors periodically collaborate with the Office of College Counseling to prepare for key milestones, including College Night in September, the LFA College Workshop in the second semester, exploring testing options, and beginning the college search and application process.

Health, Wellness, and Community 12

Required.

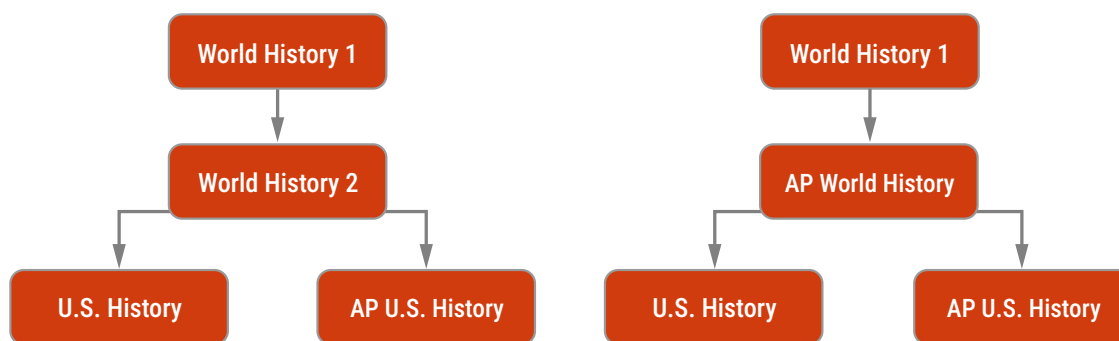
[Pass/Fail]

The senior program focuses on the college application process during the first semester and life beyond high school in the second semester, emphasizing the continued development of mind, body, and spirit. Students delve deeper into integrating their personal values and beliefs with decision-making, goal-setting, and goal achievement, honing the skills needed to navigate increased independence responsibly.

The program also addresses critical aspects of the college transition, including time management, academic policies, social pressures, and the physical and mental health challenges faced by older adolescents. The goal is to equip students with the moral and ethical awareness, refined social consciousness, and leadership abilities essential for a successful transition to college and beyond.



History & Social Science



Semester-Long Electives



Year-Long Electives



YEAR-LONG COURSES

World History 1

Prerequisite: None.

[One Credit]

This course takes a thematic approach to the study of pre-modern world history and is a vital precursor to students' later history courses at Lake Forest Academy. Topics that will be explored in this course include comparative religions, economics, political science, human and physical geography, sociology, anthropology, and archaeology. Students will also be exposed to research and writing skills that will be valuable for further history study. This course is designed for ninth grade students.

World History 2

Prerequisite: None.

[One Credit]

This course examines the history of the world from the 15th century to the present, with focus on the nature and transformation of societies in the Middle East, Asia, Africa, the Americas, and Europe. Through class work, reading, essay writing, and research, students explore the following themes: interaction between regions, competing economic and political systems, nationalism, industrial capitalism, and the rise of global trade.

In addition to traditional unit tests, students also engage in debates, presentations, creative projects and undertake a major research paper. Students do not need to have taken World History 1 to enroll in this course. This course is not open to ninth grade students.

AP World History

Prerequisite: Departmental approval. Students who are not recommended may petition to the Department Chair.

[One Credit]

This course examines the history of the world from 1200 CE to the present with a review of world religions and philosophies that predate 1200. The purpose of the course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. The course emphasizes the use of analytical reading and writing skills, a critical evaluation of primary and secondary sources, analysis of historiography, oral presentations, and discussion groups. After the AP exam in May, the culminating project for the year will be a student-centered research paper. Students who have earned an A- or higher in both their previous year's English class and their previous year's History class meet the requirements

for this course, but they still must be recommended by their current history teacher.

U.S. History

Prerequisite: World History 2 or AP World History.

[One Credit]

This course surveys the history of the United States from the colonial period to the present, including national independence, slavery, the Civil War, urbanization and industrialization, the expanded role of the federal government, and the involvement of the United States overseas. Students review the U.S. Constitution and the operation of federal and state governments, and explore the experiences of women, workers, and ethnic and racial minorities. In addition to traditional unit tests, students also engage in debates, presentations, creative projects and undertake a major research project. This course is recommended for juniors and seniors.

AP U.S. History

Prerequisite: World History 2 or AP World History and departmental approval. Students who are not recommended may petition to the Department Chair.

[One Credit]

This course covers similar topics to those in U.S. History, but examines them in greater depth and devotes more time to considering changing historical interpretations. This course also devotes time to preparing students for the sorts of questions that appear on the AP exam. Juniors and seniors who have earned an A- or higher in both their previous year's English class and their previous year's History class meet the requirements for this course, but they still must be recommended by their current history teacher.

ELECTIVES: YEAR-LONG COURSES

AP African American Studies

Prerequisite: U.S. History.

[One Credit]

Open To: Juniors and seniors.

AP African American Studies is a course that examines the diversity of African American experiences that span the early African kingdoms to the ongoing challenges and achievements of the contemporary movement. The course is designed

around four thematic units that follow a chronological flow across the course: Origins of the African Diaspora, Freedom, Enslavement and Resistance, The Practice of Freedom, and Movements and Debates. In addition to preparing for the AP Exam in May, students will engage with primary sources such as historical documents, speeches, musical lyrics and various other artifacts and works of art. This course is designed for seniors who have completed U.S. History.

AP Economics

Prerequisite: None.

[One Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This course is a college-level class that introduces students to the principles of economics and their application and relevance to current public policy issues. Students examine the development of the contemporary global economy and are introduced to the theoretical tools that help them analyze important economic and business issues. These tools include both micro- and macro-economic theory, which the students use to solve economic problems. Special attention is given to contemporary development concerns, such as issues in the economics of health, education, and the environment, as well as to the development of world trade and the expansion of global business. Specific time is also spent on practicing multiple-choice and free response answers in preparation for the AP examinations in micro- and macro-economics.

AP U.S. & Comparative Government and Politics

Prerequisite: None.

[One Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This year-long, college-level course examines the government institutions, politics and policy challenges of seven countries by uniquely blending both the AP United States Government and Politics course and the AP Comparative Government course. In addition to an in-depth examination of American government and politics, this course studies the institutions and policy-making of six core countries: China, Iran, Mexico, Nigeria, Russia and the United Kingdom. Employing a com-

parative approach throughout, the content of this course changes as the political landscape of the world changes. Students develop the tools to critically analyze these global political developments as they occur. Assessments include traditional AP-like tests, but students also regularly engage in debates, simulations and current event briefings. This course prepares students to take two AP Exams in the spring: United States Government and Politics and Comparative Government and Politics. This course is recommended for juniors and seniors with a keen interest in global politics.

ELECTIVES: FALL SEMESTER COURSES

A History of Human Rights in the Americas

Prerequisite: None.

[One-half Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This student-centered course will provide a wide-ranging survey of conceptual foundations and issues in contemporary human rights in the United States and the Americas. The class will examine the philosophical origins of human rights, contemporary debates, the evolution of human rights, key human rights documents, and the questions of human rights enforcement with a particular focus on the United States and the Americas. Violations of human rights appear in many forms. They span the gamut from torture and human trafficking (modern-day slavery) to poverty and war atrocities, from religious persecution to gender and racial discrimination. Students will examine a wide array of topics including: a history of human rights and the creation of the Universal Declaration of Human Rights, historical examples of human rights violations in the United States and the Americas, contemporary issues in human rights, civil and political rights, economic, social and cultural rights [health care, education, housing], environmental rights [healthy environment, clean air, respect for the Earth], and sexual rights.

Introduction to Economics

Prerequisite: None.

[One-half Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This course introduces the basic principles of economics and their application and relevance to public policy issues. Emphasis is placed on the development, current state and future position of the political economy of the United States in an international context as well as on introducing basic theoretical tools to aid analysis of central economic issues and debates. The theory includes basic micro-economic models to explain market behavior and macro-economic models to explain price levels and output in national economies. The objectives of this course are to provide the basic tools for understanding fundamental economic issues and to stimulate thinking and consciousness on the central areas of debate.

Sports in America: Economics & Politics

Prerequisite: None.

[One-half Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This course takes a deep dive into the importance of sports and athletes in forming the American identity. Specifically, this course focuses on the economic impact of sports, and political impact on leagues and players. Revenue is what allows sports to be relevant in American culture, and the sports industry is a multibillion-dollar American asset. Students will examine in what ways we consume men's and women's sports as well as the politics of sports in America and how they have contributed to foreign policy and diplomacy in the 20th and 21st centuries. This course is reading and writing-intensive and students will engage in debates, research and argumentative writing. A prior knowledge of major figures and events in American sports is a plus, but is not required.

ELECTIVES: SPRING SEMESTER COURSES

A History of Global Human Rights

Prerequisite: None.

[One-half Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This student-centered course will provide a wide-ranging survey of conceptual foundations and issues in contemporary human rights in regions outside of the Americas. The class will examine the philosophical origins of human rights, contemporary debates, the evolution of human rights, key human rights documents, and the questions of human rights enforcement with a particular focus on Africa, Asia, Europe, and Oceania. Violations of human rights appear in many forms. They span the gamut from torture and human trafficking (modern-day slavery) to poverty and war atrocities, from religious persecution to gender and racial discrimination. Students will examine a wide array of topics including: a history of human rights and the creation of the Universal Declaration of Human Rights, historical examples of human rights violations in the world, contemporary issues in human rights, civil and political rights, economic, social and cultural rights [health care, education, housing], environmental rights [healthy environment, clean air, respect for the Earth], and sexual rights.

Entrepreneurship

Prerequisite: None.

[One-half Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This course introduces students to the nature of business and entrepreneurship. It will focus on what it takes to become a successful entrepreneur through the use of economic theory and the various skills one needs to start and run one's own business. Students will learn how to identify, assess and develop a business plan as well as how to find and evaluate business opportunities. The role of marketing, accounting, risk assess-



ment, and other mediums needed to become an entrepreneur will be covered extensively throughout the semester. Students will develop their own business models including a fast casual restaurant, a minor league sports franchise, a small business using a microloan, and marketing an original invention.

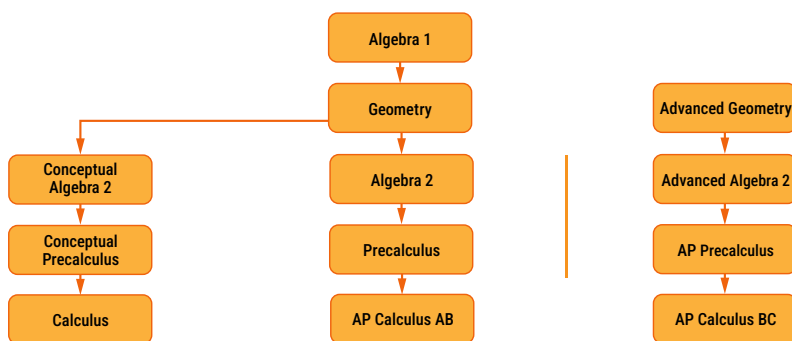
Sports in America: Culture & Politics

Prerequisite: None.

[One-half Credit]

Open to: Juniors and seniors. **Note:** Seniors will be given priority if this course reaches capacity. This course takes a deep dive into the importance of sports and athletes in forming the American identity. It will examine the culture of fandom, the levity of sporting events, and the history and impact of sports on politics and society. Using historical examples and current events, students will better understand the relationship between fans and athletes, and the role of both men and women's sports in American culture, identity, and mentality. This course will build on the philosophical, ethical and economic movements in America in the 20th and 21st centuries. This course is reading and writing-intensive and students will engage in debates, research and argumentative writing. A prior knowledge of major figures and events in American sports is a plus, but is not required.

Math



Electives



YEAR-LONG COURSES

Algebra 1

Prerequisite: None.

[One Credit]

Open to: All grades.

This course introduces the use of variables to represent numbers and solve arithmetic equations. Students will enhance their arithmetic and problem-solving abilities while exploring key topics such as:

- Properties of real numbers
- Basic operations
- Writing and solving algebraic equations and inequalities with one and two variables
- Polynomials and factoring
- First- and second-degree functions and their graphs
- Quadratic equations
- Rational and radical expressions

Additionally, students will engage in hands-on learning through a mathematics laboratory, which incorporates technology and real-world mathematical modeling.

Geometry

Prerequisite: Algebra 1.

[One Credit]

Open to: All grades.

This standard geometry course focuses on the principles of Euclidean geometry, including definitions, postulates, and theorems. Key areas of study include:

- Angles and Parallel lines
- Congruent and similar triangles
- Polygons
- The Pythagorean Theorem
- Trigonometry & Circles
- Area and volume

The course also integrates concepts from analytical geometry and emphasizes strengthening algebraic skills. A significant component involves constructing and analyzing proofs. Students will engage in hands-on learning through a mathematics laboratory, incorporating technology and real-world mathematical modeling.

Advanced Geometry

Prerequisite: Algebra 1 and departmental approval.

[One Credit]

Open to: All grades.

This advanced geometry course delves into the principles of Euclidean geometry with a focus on definitions, postulates, and theorems. Topics covered include:

- Angles and Parallel lines
- Congruent and similar triangles
- Polygons
- Points of concurrence
- The Pythagorean Theorem
- Trigonometry and Circles
- Area and volume

The content is examined in greater depth than a standard geometry course, with an increased

emphasis on proofs and algebraic problem-solving. Students will also participate in hands-on learning through a mathematics laboratory, incorporating technology and real-world mathematical modeling.

Conceptual Algebra 2

Prerequisite: Algebra 1.

[One Credit]

Open to: All grades.

This course focuses on core topics in Algebra 2, with a student-centered pacing that allows ample time for mastering the material. Major topics include:

- Linear Functions and Equations
- Quadratic Functions and Equations
- Polynomial Functions and Equations

Minor topics include:

- Rational Functions
- Powers and Roots
- Exponential and Logarithmic Functions

Additionally, students engage in hands-on learning through a mathematics laboratory, utilizing technology and real-world mathematical modeling to deepen their understanding.

Algebra 2

Prerequisite: Algebra 1 and departmental approval.

[One Credit]

Open to: All grades.

This course explores mathematical concepts both symbolically and graphically. Major topics include:

- Polynomials (linear, quadratic, and higher degree)
- Rational functions
- Powers and roots
- Exponential and logarithmic functions

Within these areas, the course emphasizes transformations, systems of equations, inequalities, applications, and modeling. Students also engage in hands-on learning through a mathematics laboratory, incorporating technology and real-world mathematical modeling to enhance their understanding.

Advanced Algebra 2

Prerequisite: Algebra 1; **Concurrent:** Advanced Geometry with departmental approval.

[One Credit]

Open to: All grades.

This advanced course examines mathematical concepts through symbolic, graphical, verbal, and numerical approaches. Major topics include:

- Numbers and notation
- Modeling relationships
- Functions and transformations
- Quadratics
- Polynomial functions
- Radical functions
- Rational functions
- Powers and roots
- Exponentials and logarithms
- Systems of equations and inequalities
- Mathematical proof

The topics are explored in depth, emphasizing both skill development and the ability to explain and articulate concepts. Students also engage in hands-on learning through a mathematics laboratory, integrating technology and real-world mathematical modeling to enrich their understanding.

Conceptual Precalculus

Prerequisite: Conceptual Algebra 2 or Algebra 2.

[One Credit]

Open to: All grades.

This course covers the topics outlined in the Precalculus curriculum but at a pace and level tailored for a less rigorous experience. Topics include:

- Linear, quadratic, and polynomial functions
- Rational functions
- Logarithmic and exponential functions
- Basic and Advanced Trigonometry
- Systems of Equations and Inequalities
- Conic Sections and Vectors
- Probability

Students also engage in hands-on learning through a mathematics laboratory, utilizing technology and real-world mathematical modeling to deepen their understanding. Upon successful completion, students are well-prepared to advance to Discrete Math, AP Statistics, or Calculus.



Precalculus

Prerequisite: Algebra 2 and departmental approval.

[One Credit]

Open to: All grades.

Precalculus focuses on modeling dynamic phenomena by studying various function types foundational to fields such as mathematics, physics, biology, health science, social science, and data science. Students will deepen their understanding of the nature and behavior of functions through multiple representations, including graphical, numerical, verbal, and analytical approaches. Key topics include:

- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Trigonometric and Polar Functions
- Functions Involving Parameters, Vectors, and Matrices

The curriculum is designed to support algebraic skills as students are prepared for placement in AP Calculus AB. Additionally, students participate in a mathematics laboratory, offering hands-on experience with technology and real-world mathematical modeling to enhance their understanding. This course will prepare students to take the AP Precalculus exam.

AP Precalculus

Prerequisite: Geometry and Advanced Algebra 2, or demonstrated mastery of Advanced Algebra 2 and Advanced Geometry.

[One Credit]

Open to: All grades.

AP Precalculus focuses on modeling dynamic phenomena by studying various function types foundational to fields such as mathematics, physics, biology, health science, social science, and data science. Students will deepen their understanding of the nature and behavior of functions through multiple representations, including graphical, numerical, verbal, and analytical approaches. The course provides a comprehensive exploration of precalculus concepts, emphasizing both formal study and real-world applications.

Key topics include:

- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Trigonometric and Polar Functions
- Functions Involving Parameters, Vectors, and Matrices

Students also engage in a mathematics laboratory, gaining hands-on experience with technology and real-world mathematical modeling. This course is designed to prepare students for placement in AP Calculus BC.

Calculus

Prerequisite: Conceptual Precalculus, Precalculus, or AP Precalculus.

[One Credit]

Open to: All grades.

This conceptual calculus course explores foundational topics, including:

- Limits
- Differentiation
- Applied maximum/minimum problems
- Related rates
- Techniques of integration

- Applications of the integral

While covering the same material as AP Calculus, the course provides a foundational understanding for students to build upon in future studies. Emphasis is placed on practical applications of calculus in fields such as business, economics, science, and engineering. The course incorporates group collaboration and a mathematics laboratory, enabling students to solve challenging problems and gain hands-on experience with technology to perform real-world mathematical modeling.

AP Calculus AB

Prerequisite: Precalculus or AP Precalculus and department approval.

[One Credit]

Open to: All grades.

This course covers topics such as limits, differentiation, applied maximum/minimum problems, related rates, transcendental functions, and techniques of integration. Following the AP syllabus, it is designed to be roughly equivalent to a semester and a half of a college calculus course. This course is recommended for students who have demonstrated strong analytical and mathematical skills in prior courses, and who can quickly grasp and apply new concepts. Students should be prepared to devote significant time to daily homework and preparation and are committed to taking the AP examination. A mathematics laboratory is included, providing students with hands-on experience using technology and engaging in real-world mathematical modeling. This course is recommended for students who have earned a B- or higher AP Precalculus or a B or higher in Precalculus.

AP Calculus BC

Prerequisite: Precalculus or AP Precalculus and department approval.

[One Credit]

Open to: All grades.

This course covers all topics included in AP Calculus AB, with additional topics such as Euler's method, advanced techniques of integration, infinite series, vectors, and polar and parametric functions. Following the AP syllabus, this course is designed to be equivalent to two semesters of a college-level calculus course. It is recommend-

ed for students who have demonstrated excellent analytical and mathematical skills in prior courses and have the ability to quickly understand and apply new concepts. Students should be prepared to dedicate significant time to daily homework and preparation. A mathematics laboratory is incorporated to provide students with hands-on experience using technology and real-world mathematical modeling. This course is recommended for students who have earned an A- or higher in AP Precalculus or an A+ in Precalculus.

AP Statistics

Prerequisite: Algebra 2.

[One Credit]

Open to: All grades.

This course introduces key concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will explore nine topics:

- One-Variable Data
- Two-Variable Data
- Data Collection
- Probability and Random Variables
- Sampling Distributions
- Inference for Categorical Data (Proportions)
- Inference for Quantitative Data (Means)
- Inference for Categorical Data (Chi-Square)
- Inference for Quantitative Data (Slopes)

Following the AP syllabus, students in this course commit to taking the AP examination. The curriculum incorporates computer simulations, real-world studies, and hands-on experiences with technology and real-world mathematical modeling to enhance students' understanding and application of statistical concepts.



ELECTIVES: FALL SEMESTER COURSES

Discrete Math: Fundamentals

Prerequisite: Conceptual Algebra 2 or Algebra 2.

[One-half Credit]

Open to: All grades.

This semester-long course covers the fundamental concepts of finance. It begins with simple interest and progresses to more complex topics such as compound interest, annuities, present value (loans), future value (retirement savings), and investment strategies for building wealth over time. The course focuses on key financial elements that can significantly impact students' financial futures, including stocks, options, bonds, commodities, futures contracts, and mutual funds. Students will complete four projects to reinforce the material:

- Presentation on bonds, mutual funds, and commodities
- Spreadsheet analyzing a paycheck
- Presentation of a budget plan
- Stock market challenge

Data Science: Fundamentals

Prerequisite: None.

[One-half Credit]

Open to: All grades.

This course explores the role of data in society and how it can be used to identify patterns and solve problems. Students will work on project-based units covering topics such as:

- Data visualization
- Modeling
- Analysis
- Sampling
- Correlation vs. Causation
- Bias
- Uncertainty
- Probability
- Evaluating Data-based Arguments

Projects will introduce students to key concepts in data science using free tools like Google Sheets, CODAP, Tableau, and Python. This hands-on course will help students develop skills in using spreadsheets, building visualizations, and basic programming, which can be applied to future STEM courses such as Discrete Math, AP Statistics, AP Computer Science, AP Environmental Science, and Experimental Psychology.

Game Theory

Prerequisite: Calculus

[One-half Credit]

Open to: Sophomores, Juniors, and Seniors

This course serves as a foundational introduction to the field of game theory, exploring the principles of strategic decision-making. The curriculum is divided into three major units:

- Two-person zero-sum games
- Non-zero-sum games
- N-person games

Key topics include the Prisoner's Dilemma, Nash Equilibrium, games against nature, utility theory, and a variety of applications in fields such as economics, computer programming, logic, and political science. The course incorporates a Mathematics laboratory component, providing students with hands-on experience using technology and real-world mathematical modeling.

Formal Logic

Prerequisite: Calculus.

[One-half Credit]

Open to: Sophomores, Juniors, and Seniors.

Offered: Fall 2026

This introductory course in Abstract Mathematics focuses on teaching students how to read and write formal proofs. Key topics include:

- Basics of sets and logic
- Truth tables and Venn diagrams
- Cartesian products
- Types of proofs:
- Direct proof
- Proof by contrapositive
- Proof by contradiction
- Existence proofs
- Mathematical induction

The course incorporates a Mathematics laboratory component, providing students with hands-on experience using technology and real-world mathematical modeling.

Linear Algebra (P-AP)

Prerequisite: Precalculus and departmental approval.

[One-half Credit]

Open to: Sophomores, Juniors, and Seniors.

Offered: Fall 2027

Linear algebra is a key branch of pure mathematics and a crucial tool in various applications,



including finance, cryptography, stochastic processes, web search, and image processing. This course introduces the foundational concepts of linear algebra, covering topics such as:

- Matrix Algebra
- Determinants
- Vector spaces
- Eigenvalues
- Characteristic equations

Time and resources permitting, students will also use computing technologies to explore and apply linear algebra in real-world scenarios.

ELECTIVES: SPRING SEMESTER COURSES

Discrete Math: Applications

Prerequisite: Conceptual Algebra 2 or Algebra 2.

[One-half Credit]

Open to: All grades.

This semester-long course explores practical finance applications. It begins with completing a U.S. tax return, covering tax schedules, 1040 forms, and itemization. Next, students study automobile ownership, using statistics and depreciation to determine pricing for cars and parts, which is especially helpful for those who did not take AP Statistics. The course also covers automobile insurance policies, analyzing coverage and accident data. The course then focuses on independent living, including finding a home, understanding floor plans and mortgages, and comparing property types like single-family homes, condos, and cooperatives. Finally, students learn about owning a business, using graphing calculators to model financial viability, culminating in a final project.

Data Science: Applications

Prerequisite: Data Science: Fundamentals or Exposure to Statistics or Computer Science and department approval.

[One-half Credit]

Open to: All grades.

The Applications in Data Science course builds on concepts introduced in the Introduction to Data Science course, covering topics such as:

- Data analysis
- Sampling
- Correlation versus causation
- Bias and uncertainty
- Probability
- Machine learning
- Data visualization
- Natural language processing
- Constructing and evaluating data-driven arguments
- Societal impact of data

Students will work on project-based assignments that involve using coding tools like Python and R-Studio to clean and prepare raw data for problem-solving. These projects will include techniques such as sorting, machine learning, web scraping, advanced data visualization, and applications of artificial intelligence.

Multivariable Calculus (P-AP)

Prerequisite: Calculus and department approval.

[One-half Credit]

Open to: All grades.

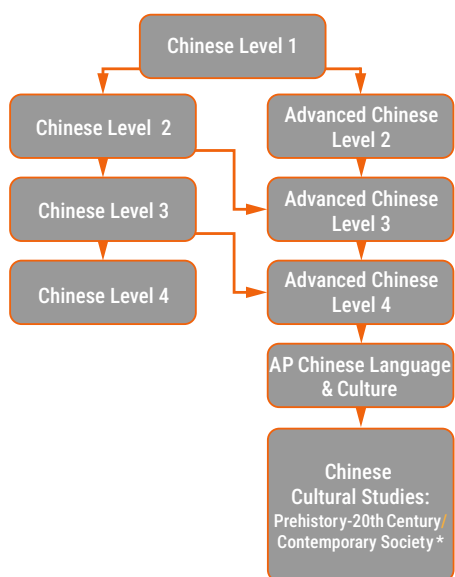
This course reviews concepts from single-variable calculus and extends them to functions of two or more variables. Key topics include:

- Limits, derivatives, and integrals for functions of multiple variables
- Partial derivatives
- Directional derivatives and gradients
- Tangent planes and normal lines
- Extrema of functions of two variables
- Iterated integrals
- Double and triple integrals
- Applications of multivariable calculus

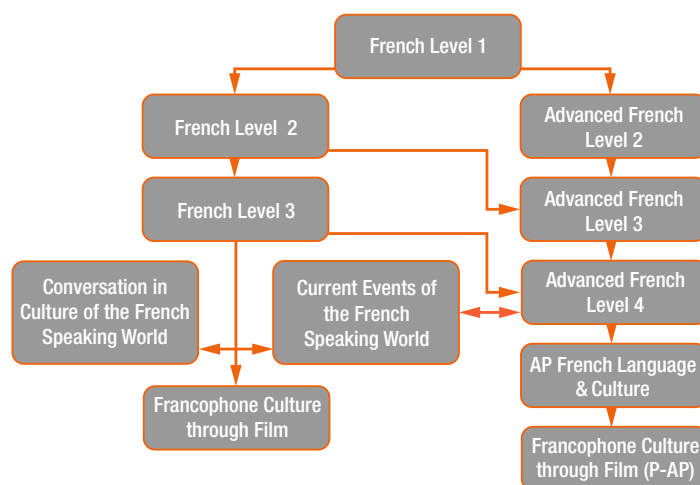
The course emphasizes understanding these topics from analytical, numerical, and graphical perspectives. A mathematics laboratory is included for hands-on experience with technology and real-world mathematical modeling.

Modern & Classical Languages

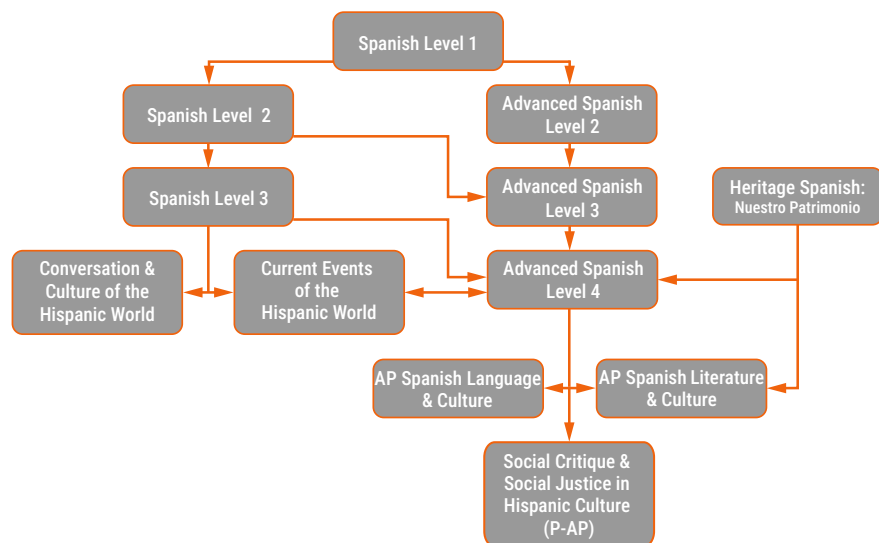
Chinese



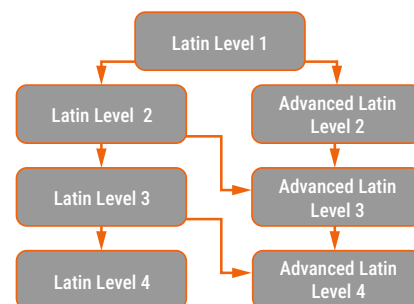
French



Spanish



Latin



NOTE ON ADVANCED STUDY: An advanced study option is available beginning in the second year of language study. These courses are more rigorous, require students to work more independently, and move at a faster pace. They are also conducted primarily in the target language. Advanced study is most appropriate for students who have a special interest in or facility for the language, as students are expected to have strong communication skills and command of the previous level's material.

CHINESE: YEAR-LONG COURSES

Chinese Level 1

Prerequisite: None.

[One Credit]

This course introduces the standard Chinese phonetics system (Pinyin), basic grammatical structures, and functional daily language use. The course emphasizes the training of all four language skills (speaking, listening, reading, and writing) and develops an understanding of socio-linguistics and the socio-cultural factors that are important to cross-cultural communication. Students will also learn how to type in Chinese.

Chinese Level 2

Prerequisite: Chinese Level 1. Advanced study available.

[One Credit]

This course continues to emphasize the training of all four language skills (speaking, listening, reading, writing) begun in the first year. Students will also develop a more sophisticated understanding of socio-linguistics and the socio-cultural factors that are important to cross-cultural communication. Besides continuing to work with basic grammatical structures and functional daily language, students will learn and practice calligraphy.

Chinese Level 3

Prerequisite: Chinese Level 2. Advanced study available.

[One Credit]

This course reinforces what has been taught in Chinese 2 and continues the development of the four major language skills (listening, speaking, reading, writing) by introducing new and more sophisticated language structures and vocabulary. Students develop conversational skills by participating in discussions and role-playing. Compositions in Chinese are a regular part of the curriculum.

Chinese Level 4

Prerequisite: Chinese Level 3. Advanced study available.

[One Credit]

This course reinforces what has been taught in Chinese 3 and continues the development of the four major language skills: listening, speaking, reading, and writing. Intensive conversation, writing, and translation are required. This course places a particular emphasis on building vocabulary. Writing skills progress to include descriptions, storytelling, and the integration of extended vocabulary and sentence structure.

AP Chinese Language & Culture

Prerequisite: Advanced Chinese Level 3 or Advanced Chinese Level 4 with departmental approval.

[One Credit]

This course introduces advanced language structures, grammar functions, and related cultural knowledge. The class is conducted entirely in Chinese. The readings broaden the range of students' vocabulary and their understanding of the content, as well as improving students' language skills. The course is designed to provide students with opportunities for deeper and broader cultural understanding. Supplementary materials will also be used to help students prepare for the AP Chinese Language and Culture exam.

Chinese Cultural Studies: Prehistory - 20th Century (P-AP)

Prerequisite: Advanced Chinese Level 4 or departmental approval.

[One Credit]

This course is an immersion in Chinese culture, including social life, thought, history, current events, literature, music, and fine arts in Chinese-speaking communities worldwide. It is designed to deepen students' cultural and linguistic understanding and to help students further develop their language skills by applying their knowledge to real-world experiences. Developing appreciation and awareness of Chinese culture is an integral theme throughout the course. In semester one, emphasis is placed on the major cultural and social developments, spanning from prehistory to the twentieth century. The second semester gives students an in-depth look at the lifestyles of modern Chinese people and the philosophies that guide their lives. The readings include articles, stories, essays, plays, movies, radio and TV broadcasts. Students will produce research projects based on specialized readings or different topics, which will be presented both orally and in written form throughout the two semesters. This course incorporates Curricular Travel to a Chinese-speaking country during Spring Break. While there, students will engage

in a real-world immersion experience in Chinese life, language and culture by traveling to the Chinese-speaking world and focusing on a community service project. This course is most appropriate for non-native Chinese students who have successfully completed AP Chinese Language and Culture.

Chinese Cultural Studies: Contemporary Society (P-AP)

Prerequisite: Advanced Chinese Level 4 or departmental approval.

[One Credit]

This course is an immersion in Chinese culture, including social life, thought, history, current events, literature, music, and fine arts in Chinese-speaking communities worldwide. It is designed to deepen students' cultural and linguistic understanding and to help students further develop their Chinese language skills by applying their knowledge to real-world experiences. Developing appreciation and awareness of Chinese cultures is an integral theme throughout the course. The first semester covers a variety of thought-provoking topics, such as the changing attitudes toward women and marriage, the one-child policy, economic development, and China's ethnic minorities, etc. The second semester continues to explore a variety of contemporary Chinese social issues through the study of Chinese literary works (short stories, plays, etc.), essays, movies, and TV programs, etc. Course texts include newspaper articles and critiques, works of literature, as well as other source documents. This course has a Curricular Travel component to a Chinese-speaking country during Spring Break. While there, students will engage in a real-world immersion experience in Chinese life, language and culture by traveling to the Chinese-speaking world and focusing on a community service project. This course is most appropriate for non-native Chinese students who have successfully completed AP Chinese Language and Culture.

FRENCH & SPANISH: YEAR-LONG COURSES

French Level 1 & Spanish Level 1

Prerequisite: None.

[One Credit]

These courses introduce elementary grammatical concepts, present and past tenses, basic sentence patterns, and a number of idiomatic expressions. Major units emphasize practical daily situations, such as greeting people, expressing opinions, talking about the weather, counting and telling time, traveling, shopping and discussing family relationships. The courses also present a variety of cultural material.

French Level 2 & Spanish Level 2

Prerequisite: French Level 1/Spanish Level 1. Advanced study available.

[One Credit]

These courses further develop reading, aural comprehension, speaking and writing skills by introducing several new major language structures. These include the imperfect tense and the contrast between the two past tenses, as well as direct and indirect pronouns. Students acquire a broader vocabulary base of new words and expressions, often working in small groups to maximize use of the language and studying authentic material from the target languages, such as newspapers, films, and websites. Students complete projects relating to French or Spanish geography, politics, society and culture.

French Level 3 & Spanish Level 3

Prerequisite: French Level 2/Spanish Level 2. Advanced study available.

[One Credit]

These courses emphasize oral, written, and listening facility, bringing students to a higher level of language proficiency. Students learn additional and more sophisticated grammar and vocabulary; read advanced material such as newspaper editorials, literary prose and poetry; and compose essays in the target language. These courses further explore the customs, history, geography and culture of countries where the languages are spoken.

Heritage Spanish: Nuestro Patrimonio

Prerequisite: Departmental approval.

[One Credit]

Offered: 2026-27

This course is designed for students who have grown up in a Spanish-speaking environment, exhibit strong listening and conversational skills, and wish to further develop their communication in Spanish, especially reading and writing. The class will focus on writing, speaking, reading, and listening skills, with particular attention to written Spanish. Students will deepen their knowledge of grammar, broaden their vocabulary, refine their spelling, and cultivate their ability to interpret and use both a formal and an informal register. The course will be grounded within a broad range of topics throughout the Hispanic world, with a particular focus on Latinx and Hispanic cultures in the U.S., including students' own experiences. Students will complete a variety of written and spoken assignments, including individual reflection and identity-based projects.

Heritage Spanish: Nuestra Identidad Global

Prerequisite: Departmental approval.

[One Credit]

This course is designed to alternate with "Heritage Spanish: Nuestro Patrimonio" to create an opportunity for a second year of Spanish study that is tailored to students who have grown up in a Spanish-speaking environment, exhibit strong listening and conversational skills, and wish to further develop their communication in Spanish, especially reading and writing. Students may take this course with or without having taken "Heritage Spanish: Nuestro Patrimonio," as both courses are differentiated to individual students' needs. As with the first year, the class will focus on writing, speaking, reading and listening skills, with particular attention to written Spanish. Students will deepen their knowledge of grammar, broaden their vocabulary, refine their spelling, and cultivate their ability to interpret and use both a formal and an informal register. The course will introduce new topics throughout the Hispanic world, with particular focus on Latinx and Hispanic cultures in the U.S., including students' own experiences. Students will complete a variety



of written and spoken assignments, including individual reflection and identity-based projects emphasizing recognition and use of complex grammar and new vocabulary in experiences.

Advanced French Level 4

Prerequisite: French Level 3.

[One Credit]

This course focuses on comprehension, conversation, and listening skills, emphasizing recognition and use of complex grammar and new vocabulary in everyday speech. To increase proficiency, students participate in class discussion, listen to and watch authentic media, compose essays of many kinds, including opinion and creative pieces, and confront practical, everyday scenarios. Students read articles and short stories and participate in debates to gain awareness of relevant social issues. Students utilize a wealth of online resources, including TV5Monde, France 24, and Bien-Dire to maximize their linguistic and cultural understanding, to stay abreast of current events, and to effectively communicate in the target language.

Advanced Spanish Level 4**Prerequisite:** Spanish Level 3.**[One Credit]**

Advanced Spanish 4 provides language practice in speaking, writing, listening comprehension, and reading. It serves primarily as preparation for AP Spanish Language and Culture. Students refine their language skills, acquire an advanced and nuanced vocabulary, and deepen their understanding of complex grammar. They also broaden their knowledge of Hispanic culture. Readings include a variety of authentic, unabridged written texts in Spanish, such as journalistic writing, essays and other works of literature, as well as films, songs, and visual art. Students complete a variety of written and spoken work tailored to authentic everyday experience, entirely in the target language. Major units include topics related to Identity, Daily Life, Society, and History.

AP French Language & Culture**Prerequisite:** Advanced French Level 4 or departmental approval.**[One Credit]**

This course provides rigorous practice in reading, writing, speaking, and listening for the purpose of gaining proficiency in the language. Students also study advanced grammar and vocabulary, read and discuss original texts of varying genres and styles, write compositions, give oral reports and gain cultural knowledge through videos, songs, and Internet research. Debates, Harkness discussions, recordings, and other conversational activities build fluency. Language proficiency is built within the context of the six themes prescribed by the AP curriculum: Global Challenges, Beauty and Aesthetics, Science and Technology, Family and Community, Personal and Public Identities, and Contemporary Life. This AP course is conducted entirely in the French language and will build proficiency in the language while assisting students in preparing for the required AP language examinations.

AP Spanish Language & Culture**Prerequisite:** Advanced Spanish Level 4 or with departmental approval.**[One Credit]**

This course provides rigorous practice in reading, writing, speaking, and listening for the purpose of gaining proficiency in the language. Students also study advanced grammar and vocabulary, read and discuss original texts of varying genres and styles, write compositions, give oral reports and gain cultural knowledge through videos, songs, and Internet research. Debates, Harkness discussions, recordings, and other conversational activities build fluency. Language proficiency is built within the context of the six themes prescribed by the AP curriculum: Global Challenges, Beauty and Aesthetics, Science and Technology, Family and Community, Personal and Public Identities, and Contemporary Life. Both AP courses, conducted entirely in the Spanish language, build proficiency in the language while assisting students in preparing for the required AP language examinations.

AP Spanish Literature & Culture**Prerequisite:** Advanced Spanish Level 4 or departmental approval.**[One Credit]**

AP Spanish Literature and Culture is a college-equivalent course available for students who wish to pursue advanced language studies with a close examination of canonical works in Spanish, Spanish-American, Latino, and Chicano literature. The course provides an introduction to the major literary movements in the field of Hispanic literature. Students read original, unabridged works from the 15th century through the 21st century. The course includes a review of literary analysis, including genre-specific approaches, literary terms, and some relevant literary theories. Students also study the socio-cultural contexts in which the course texts were written and many possible thematic links among them. There is a secondary emphasis on approaches to the visual arts of the Hispanic world and their connection to literary works studied in the course. Students develop their presentational, interpretive and interpersonal language skills through assignments

in class and at home, including critical writing, listening and discussions. The class is conducted entirely in Spanish. This course is most appropriate for students who have successfully completed AP Spanish Language and Culture.

Social Critique & Social Justice in Hispanic Culture (P-AP)

Prerequisite: AP Spanish or departmental approval.

[One Credit]

This college-equivalent Spanish course explores how Spanish-language artists and creators have critiqued societies through creative expression. In it, we analyze how Spanish-language authors, artists, songwriters, and protesters throughout history have provoked reflection and worked to effect social change. Students critically approach a variety of texts, including works of literature, essays and speeches, film, music, and visual art, as well as protests and performance art. Some course topics include critiques of social hierarchies, economic disparities, gender-based conventions, colorism and racial injustice, environmental conservation, state violence and human rights abuses, industrialization and technologies, among others. This advanced Spanish class is designed for students who demonstrate a high level of proficiency in Spanish, and who wish to continue exercising and refining their language skills. The class particularly emphasizes speaking and writing proficiency, as well as interpersonal communication through class discussions, which form an integral part of the class. Course tasks also include presentations, debates, creative projects, short reaction papers, as well as longer analyses. Students also have opportunities to conduct research projects and to incorporate secondary criticism into their analyses while maintaining and refining their own critical voice. Students exercise their intercultural proficiency by looking at the Hispanic world through the perspective of the course texts. As with any LFA course, this class fosters an inclusive environment. This course is conducted entirely in Span-

ish, though some secondary criticism may occasionally be in English. As a college-level elective, this course is most appropriate for students who have successfully completed AP Spanish Language and Culture and/or AP Spanish Literature and Culture.

Francophone Culture Through Film (Regular & P-AP)

Prerequisite: Advanced French Level 3 (can be taken concurrently with Advanced French Level 4 and AP French)

Open to: Juniors and Seniors.

This course is designed as a film class that seeks to explore cross-cultural values in the foreign language classroom by examining traditions and cultural practices from the French-speaking world. By using film as an anchor and model throughout the year-long course, students are asked to consider their own preconceptions and beliefs as they work toward a stronger awareness and understanding of the diversity of French and Francophone culture. Through designated topics, students are exposed to themes such as cinematic tradition, family, colonization, immigration, gender, education, history, and multiculturalism. The course is meant for students who demonstrate a strong level of oral and written proficiency in French, and who want to refine their interpretative, writing, reading, and creative skills that will enhance their appreciation of and ability to analyze cinema. Discussions, assignments, and assessments are task-based and structured around film topics, but students are also exposed to various forms of authentic texts and other audio-visual materials. In addition, students are asked to research and present information on relevant content through oral presentations, and by keeping a film journal. By the end of the year, they are capable of discussing a wide range of topics, and they can show a deep knowledge and appreciation for the French-speaking world. The course is conducted entirely in French. speaking, and listening skills.

FRENCH & SPANISH ELECTIVES: FALL SEMESTER COURSES

Conversation Et Culture Dans le Monde Francophone (Conversation & Culture of the French-Speaking World)

Prerequisite: French Level 3.

[One-half Credit]

In this semester-long intensive conversation course, students hone their speaking and listening abilities as they examine advanced vocabulary and linguistic structures in authentic contexts. Students further develop their speaking skills through real-life situation-based discussions, debates, performances, and oral presentations. Students work to develop the lexicon necessary to be comfortable in a multitude of pertinent real-world scenarios. Students learn to be pragmatic users of the French language by working on register and linguistic differences between the various francophone regions. Students also further refine their reading, writing, and literary analysis capabilities through in-depth study of culturally relevant journalistic articles, literary works, songs, and short films of various French-speaking countries. Students investigate and assess the linguistic nuances found in these texts and describe their historical foundation and social implications. Through investigation of cultural traditions, students analyze and examine the origins and contemporary significance of these traditions in the French-speaking world. The course is taught entirely in French.

Conversación y Cultura del Mundo Hispano (Conversation & Culture of the Hispanic World)

Prerequisite: Spanish Level 3.

[One-half Credit]

In this semester-long intensive conversation course, students hone their speaking and listening abilities as they examine advanced vocabulary and linguistic structures in authentic contexts. Students further develop their speaking skills through real-life situation-based discussions, debates, performances, and oral presentations. Students work to develop the lexicon necessary to be comfortable in a multitude of pertinent real-world scenarios. Students also further refine their reading, writing, and literary analysis capabilities through in-depth study of culturally relevant legends, myths, folkloric his-

tories, songs, journalistic articles, literary works, and short films of various Spanish-speaking countries. Students investigate and assess the linguistic nuances found in these texts and describe their historical foundation and social implications. Through investigation of cultural traditions, students analyze and examine the origins and contemporary significance of principal cultural celebrations and traditions. The course is taught entirely in Spanish.

FRENCH & SPANISH ELECTIVES: SPRING SEMESTER COURSES

Thèmes D'Actualité Dans le Monde Francophone (Current Events of the French-Speaking World)

Prerequisite: French Level 3.

[One-half Credit]

In this semester-long current events, culture and conversation course, students focus their attention on learning intensively about the Francophone world and events that have occurred and will occur during the semester. Students begin by learning to identify the location and leadership of all French-speaking countries/territories throughout the world. Review of the colonization of these places prepares students to further delve into the “whys” of what happens there. Furthermore, students become “experts” on 2-3 countries and share information about them through journalistic articles. Students further develop their oral proficiency skills through real-life situation-based discussions, debates and oral presentations. Students work to develop the lexicon necessary to be comfortable in a multitude of pertinent real-world scenarios, including grammar reviews as necessary. The course is taught entirely in French.

Temas Actuales del Mundo Hispano (Current Events of the Hispanic World)

Prerequisite: Spanish Level 3.

[One-half Credit]

In this semester-long current events, culture and conversation course, students learn intensively about Latin America and events that have occurred and will occur during the semester. Students begin by learning to identify the location and leadership of all Spanish-speaking countries/territories in North and South America, the Caribbean, Europe and Africa. Review of the colo-

nization of these countries prepares students to further delve into the “whys” of what happens in these countries. Furthermore, students become “experts” on 2-3 countries and share information about these countries through journalistic articles. Students further develop their oral proficiency skills through real-life situation-based discussions, debates and oral presentations. Students work to develop the lexicon necessary to be comfortable in a multitude of pertinent real-world scenarios including grammar reviews as necessary. The course is taught entirely in Spanish.

LATIN: YEAR-LONG COURSES

Latin Level 1

Prerequisite: None.

[One Credit]

This course introduces students to the fundamentals of Latin grammar, syntax, and vocabulary and emphasizes the development of sound reading and composition skills. Ancillary topics include a survey of Roman history from the early legends of its Trojan ancestry and its founding by Romulus to the establishment of the Empire under Augustus; a thorough study of Greek and Roman mythology with special emphasis on the stories of gods and heroes; a close look at Roman culture and technology and their enduring influence on the West and an introduction to the archeology of ancient Greece and Rome, including Troy and Athens. Students also develop English vocabulary skills through the study of Greek and Latin roots. A wide range of technological platforms will facilitate teaching, learning, and research.

Latin Level 2

Prerequisite: Latin Level 1. Advanced study available.

[One Credit]

This course finishes the study of the fundamentals of Latin grammar, syntax, and vocabulary begun in Latin 1, introduces the subjunctive mood and its advanced constructions, and emphasizes further development of sound reading and composition skills. Ancillary topics include a survey of Roman history from the establishment of the Empire to the fall of Rome, a review of Greek and Roman mythology with special emphasis on the stories of heroes, and a close study of the geog-

raphy of the ancient Mediterranean. The course continues the development of English vocabulary skills through Greek and Latin roots, as well as the study of Roman culture, technology, and archeology—including the sites of Pompeii, Ephesus and Knossos—begun in Latin 1. A wide range of technological platforms will facilitate teaching, learning, and research.

Latin Level 3

Prerequisite: Latin Level 2. Advanced study available.

[One Credit]

This course immerses students in the unabridged prose and verse of genuine Romans, reviews the important concepts of Latin 1 and Latin 2, and introduces new grammatical and syntactical elements as they appear in the readings. Developing reading fluency is the primary goal. Texts include selections from Catullus, Petronius, and Martial. Students will research the history, culture, geography, mythology, and private life that relate to the authors under discussion and will present their findings by teaching classes and leading discussions individually and cooperatively. A wide range of technological platforms will facilitate teaching, learning, research, and presentation.

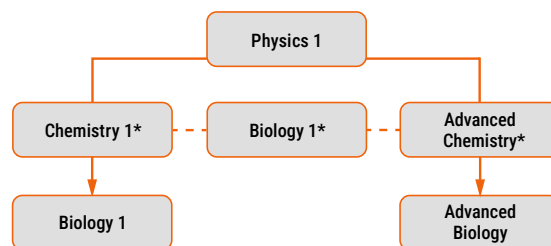
Latin Level 4

Prerequisite: Latin Level 3. Advanced study available.

[One Credit]

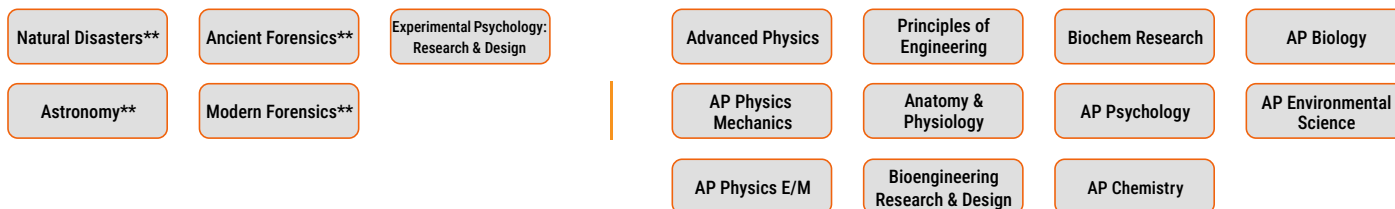
This course explores the literature, history, and culture of the first century BCE, arguably ancient Rome’s most complex, chaotic, and compelling period. Original sources, including Vergil’s Aeneid, Caesar’s Commentarii de bello Gallico, and Cicero’s In Catilinam, reveal not only the trials of the late Republic, but also the triumphant birth of the Empire and the Golden Age. In addition to reading selections from these works, students will research the political and cultural life of the period, especially private life, and will present their findings by teaching classes and leading discussions individually and cooperatively. A wide range of technological platforms will facilitate teaching, learning, research, and presentation. Students who wish to take the AP Latin exam may prepare independently with the instructor.

Science



Semester-Long Science Electives

Year-Long Science Electives



* Sophomore students can take chemistry and biology in the same year

** Forensics and Earth Science classes alternate years

YEAR-LONG COURSES

Physics 1

Meets Physical Science Requirements

Prerequisite: None.

Open to: Freshmen.

[One Credit]

This course is an introductory course for freshmen only that emphasizes a conceptual understanding of the fundamental principles that govern the universe. The students will explore motion, forces, energy, gravity, waves, optics, circuits, magnetism, and modern physics. The application of various skills and techniques learned in Algebra 1 and Geometry will be reinforced. Frequent laboratory activities and investigations will allow the students to comprehend abstract concepts better and improve their analytical skills.

Advanced Physics

Meets Physical Science Requirements

Prerequisite: B or higher in Algebra 2 or B- or above in previous higher level math course.

Open to: Sophomore, Junior, or Senior.

[One Credit]

Advanced Physics is an introductory course that investigates the fundamental principles of our universe with an emphasis on a conceptual understanding as well as a quantitative one.

Students will be working regularly in the lab and will be expected to apply the concepts learned in the classroom to real-world situations. The topics covered will be linear motion, forces, energy, momentum, rotational motion and mechanics, pressure, waves, sound, optics, and electrostatics. Students who have taken Physics 1 should not enroll.

AP Physics C Mechanics

Meets Physical Science Requirements

Prerequisite: AP Calculus AB or BC (including concurrent enrollment).

[One Credit]

This course delves deeply into the kinematics and dynamics of translational, rotational, and simple harmonic motion. This class is equivalent to a semester-long, college-level introductory physics course for scientists and engineers. The concepts of force, mass, acceleration, energy, and momentum will be thoroughly investigated. This course is recommended for students who have earned a B or higher in an AP Calculus course.

AP Physics C Electricity & Magnetism**Meets Physical Science Requirements**

Prerequisite: AP Physics C Mechanics and AP Calculus AB or BC.

[One Credit]

AP Physics C: Electricity and Magnetism is equivalent to the second semester of a college-level, introductory course for science and engineering majors. The topics covered will include static charges, electric fields, Coulomb's Law, capacitors, DC circuits, RC circuits magnetism, Amperes' Law, RL Circuits, and Faraday's Law. Students will do hands-on laboratory work and in-class activities to investigate phenomena and use calculus to solve problems. This course is only recommended for students who have earned a B or higher in AP Physics.

Chemistry 1**Meets Physical Science Requirements**

Prerequisite: None.

Open to: Sophomores, Juniors, and Seniors with department approval.

[One Credit]

Chemistry 1 is an introductory course that studies the principles that determine the behavior of matter. It provides a lifelong awareness of both the potential and limitations of science and technology. Topics covered will be molecular bonding and structure, the mole, stoichiometry, solids, liquids and gasses, the periodic chart, acids, and bases. Students engage in numerous laboratory investigations, problem-solving exercises, and group activities.

Advanced Chemistry**Meets Physical Science Requirements**

Prerequisite: B+ or above in Physics 1, or departmental approval.

[One Credit]

Advanced Chemistry is an introductory course that examines the same topics as in Chemistry 1, but with more rigor and greater depth. Topics covered will be molecular bonding and structure, the mole, stoichiometry, solids, liquids and gasses, the periodic chart, acids, bases, organic chemistry, and nuclear chemistry. Each student will develop independent thinking skills by applying the concepts learned in class to a variety of rigorous chemistry problems, both qualitative



and quantitative. Numerous laboratory activities will build upon the ideas discussed in class. This course is recommended for students who have demonstrated strong mathematical and analytical skills in prior courses and who have earned a B+ or higher in Physics. Students who have already taken Chemistry 1 should not enroll.

AP Chemistry**Meets Physical Science Requirements**

Prerequisite: A in Chemistry 1 or B+ in Advanced Chemistry.

[One Credit]

AP Chemistry offers a theoretical understanding of chemical reactions through an examination of molecular structure and rearrangement. Through numerous laboratory investigations, students gain a theoretical understanding of chemical reactions by studying calculations with chemical formulas, aqueous reactions, atomic structure, periodic properties of elements, chemical bonding, phases of matter, kinetics, equilibria, acid-base reactions, thermodynamics, and electrochemistry. This course is recommended for students who have demonstrated excellent analytical and mathematical skills and meet the prerequisite.

Biology 1**Meets Life Science Requirements**

Open to: Sophomores, Juniors, and Seniors.

[One Credit]

The Biology 1 course is a lecture-based class designed to give the student an introduction to the major concepts processes of Biology. The material is categorized into larger units to em-



phasize the connections between topics. First semester material focuses on the major principles of life and is divided into the units of; the Nature of Science, Biochemistry (building block of life), Cell Structure, Cellular Metabolism, and Cellular Replication. Second semester builds off the first semester and introduces the students to Heredity, Genetics, Evolution, the History of Life, Classification, Ecology and the Human Body. Labs, hands-on activities, and projects will also be performed throughout the course to enhance the lessons, and give the students the opportunity to apply the material. While the classes will provide reinforcement of the topics, the student is expected to read and review outside of class. Upon successful completion of the course, the student will have a better appreciation of the natural world around them and be prepared for any intro level biology course in college.

Advanced Biology

Meets Life Science Requirements

Prerequisite: B+ or higher in previous lab science.

[One Credit]

Advanced Biology is designed for the more aggressive student willing to go above and beyond the general understanding of the major topics of Biology. In Advanced Biology the students will be introduced to the same topics of Biology 1: scientific method of thinking and exploring the natural world, the compounds and traits of living organisms, the cell structures and cycles, cell metabolism, DNA structure and replication, protein synthesis, inheritance, life development, evolution, ethics, organ systems, characteristics of populations and ecology. Laboratory experiments and activities will be performed to enhance the lessons and challenge the students' understanding of the material. The students can expect a large amount of reading, which will be built upon

in lectures. Upon completion of the course, the student will have a firm understanding of the concepts and know the material that will be covered in any intro level biology courses in college.

AP Biology

Meets Life Science Requirements

Prerequisite: Grade of A in Biology 1 and departmental approval, Grade of B+ or higher in Advanced Biology, or department approval.

[One Credit]

AP Biology gives students an advanced conceptual framework for modern biology and introduces science as a process rather than the accumulation of facts. Student-moderated discussion, group and individual activity, and extensive laboratory work integrate several major themes, including evolution, energy transfer, cell biology, biochemistry, and the relationship of structure to function. This course emphasizes the application of biological knowledge and critical thinking to understanding and developing ideas relating to societal issues and environmental issues dealing with biology. Students who commit to this course will be expected to have basic knowledge of cells and cell structures, macromolecules and chemical bonds, principle of inheritance, and energy transfer. Students will have guided reading to ensure they have this base knowledge in place before the first day of class. This course is recommended for students who have demonstrated superior diligence and analytical skills in prior science courses.

Anatomy & Physiology

Meets Life Science Requirements

Prerequisite: Biology.

[One Credit]

This course is designed for students who have already completed any level of biology and are interested in advancing their understanding of

the human body. The course material will cover the structure, organization, and functions of the human body systems. The course starts by reemphasizing the structure of the cell and major metabolic pathways, anatomical organization, and histology. From there the course moves into a study of the human body's major systems including: the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, immune, digestive, respiratory, excretory, and reproductive systems. Anatomy and Physiology is a lecture and discussion-based course accompanied by laboratory activities and dissections.

Principles of Engineering

Prerequisite: B+ or higher in Precalculus and Physics.

Open to: Juniors with departmental approval, and all Seniors.

[One Credit]

This year-long curriculum focuses on the relevant application of science, math, engineering, and technology (STEM) concepts to electrical, mechanical, environmental, and biomedical engineering. Students will discover how modern engineers design and build new technologies using math and science, together with their ingenuity. Students will learn and apply the engineering design process during hands-on activities and projects. Students will learn how to use CAD software and use the 3D printer, write code to manage a variety of sensors and actuators connected to the Arduino, use KiCad to create printed circuit boards, and design and build basswood bridges. In addition, they will utilize critical thinking skills to design solutions to real-world problems. Techniques involving brainstorming, reverse engineering, and research will also be applied during this process.

Biochemistry Research 1

Prerequisite: Chemistry for Seniors, AP Chemistry for Juniors (may be taken concurrently).

Open to: Juniors and Seniors.

[One Credit]

Students engage in original research on a variety of topics to learn problem-solving skills, critical thinking and analysis. Some projects involve growing plants and screening them for the presence of certain antioxidants, which have the

potential to be used as a natural colorant in food products and have been shown to have health benefits. In addition, students may use discarded objects or materials to create a product of higher quality (upcycling), such as for the synthesis of biopolymers, in particular bioplastics, or to extract fuel from the potentially discarded objects. The students will learn how to use a variety of different instruments and laboratory techniques, such as high-performance liquid chromatography (HPLC), lyophilization and gas chromatography (GC). This class is open to committed and motivated seniors and juniors with approval. Qualified students should have earned a B or higher in their Chemistry class.

Biochemistry Research 2

Prerequisite: Biochemistry Research 1.

Open to: Seniors.

[One Credit]

This class is a continuation of Biochemistry Research 1. The student who has taken year one will continue their research using chromatographic or other methods, depending on the research project that they are performing. Students will prepare the samples themselves and collect and analyze the data using instruments and other mathematical techniques. This class is open to committed and motivated seniors who have taken Biochemistry Research 1.

Bioengineering Research & Design

Prerequisite: Advanced or AP Biology.

[One Credit]

This class will cover three topics that have the potential trajectory to become major driving forces in medicine, science, technology, industry, economy, and career growth. Genetic/molecular engineering (synthetic biology): Synthetic biology is making cells that manufacture molecules, or that metabolize wastes, or target pathogens/cancer. We will have an introduction to DNA technologies including CRISPR, restriction enzymes, and transformation of single-celled species. Biomedical engineering: Designing technologies to assist humans or animals. We will explore from the less invasive ideas to the more invasive ideas (hearing aids, insulin pumps, generated organs). We will have an introduction to antibody-based -, app/digital based-, and DNA-based screening of health,

foods, or water. Environmental engineering: Designing systems to improve, stabilize, or extract things from the environment using methods that leave the environment better than it was found.

AP Environmental Science

Meets Life Science Requirements

Prerequisite: One Year of Life Science AND Physical Science, Algebra 2. Concurrent enrollment in Biology is possible for seniors with departmental approval.

[One Credit]

AP Environmental Science is a college-level course that integrates extensive lab work, field-work, and projects as part of the many units of study. The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Topics include earth systems and resources, ecology, population, land and water use, energy resources and consumption, pollution, and global change. Additionally, there is a summer reading requirement for this course. This course will prepare students to take the Advanced Placement Exam.

AP Psychology

Prerequisite: None

Open to: Seniors

[One Credit]

AP Psychology is a full-year college-level course. It is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals as defined by the College Board and the American Psychological Association. AP Psychology deepens the exploration into the human psyche and human behavior through the exploration of the history and varied approaches within psychology, brain function, sensation and perception, states of consciousness, human development and learning acquisition, motivation and emotion, cognition, testing, and individual differences, personality theory, abnormal behavior and treatment, and social psychology. The course will include a

variety of assessments including student-led discussions, traditional tests, projects, papers, and presentations. The overall content covered in this course fulfills the College Board's requirements for AP Psychology, and students are expected to take the Advanced Placement exam for this course

ELECTIVES: FALL SEMESTER COURSES

Introduction to Astronomy

Prerequisite: Two years of lab science.

[One-half Credit]

Offered: 2026-27

The purpose of this course is to present a broad view of the field of Astronomy. Course topics will be organized with an "Earth-Out" approach and include foundations of astronomy, historical perspective, origin of the Solar System, properties of planets, near-earth objects, life cycle and types of stars, galaxies, and the search for extraterrestrial life. There will be weekly hands-on labs, as well as sky-viewing opportunities throughout the semester. What's going on in the sky tonight? Join the class and find out. This class runs every other fall, when Ancient and Modern Forensics are not offered.

Forensic Science: Ancient Cases with an Anthropology Focus

Prerequisite: Biology at any level

[One-half Credit]

In this course, students will apply forensic science techniques to historical cases. Forensic science is predominantly a lab class with an emphasis on problem solving using the skills learned in this class. During this fall semester long class, students will explore techniques used by forensic anthropologists to investigate the evidence from ancient burials and homicides. The topics covered in the class will include: types of evidence (soil, bone, physical trauma, pollen and spores, blood, crime and accident reconstruction with a focus on burial scenes and facial reconstruction using skulls. Students will investigate ancient cases involving pharaohs, kings, the first gun shot in the American continents, presidents, czars, and stone age cases. Grades will be based on presentations, lab reports, and quizzes. This class runs every other fall, when Astronomy and Natural Disasters are not offered.

ELECTIVES: SPRING SEMESTER COURSES

Experimental Psychology: Research & Design

Prerequisite: None.

Open to: Sophomores, Juniors, and Seniors.

[One-half Credit]

This semester-long course introduces students to an overview of the methods by which psychologists test hypotheses and analyze data. A unique challenge of conducting psychological research relates to its primary focus, namely, human beings, and the complexity inherent to human behavior, motivations, emotions, and cognitions. Conducting psychological research, therefore, requires precise operational definitions, stringent experimental procedures, replication, and an understanding of ethics in research with human participants. In this course, students will gain experience in every step of the research process, engage in the creative process of transforming abstract psychological constructs into quantifiable variables, and conduct independent research. Students will also gain experience with SPSS, a statistical software commonly used in university research programs.

Introduction to Natural Disasters

Prerequisite: Two years of lab science.

[One-half Credit]

Offered: 2026-27

The purpose of this course is to provide an interdisciplinary overview of Earth's surface processes that directly impact humanity. This course will integrate principles in geology, meteorology, oceanography, and astronomy. We will explore the characteristics, causes, global distribution, estimated frequencies, and effects of the following natural hazards: earthquakes, volcanoes, flooding, landslides, sinkholes, thunderstorms and tornadoes, coastal hazards, climate change, wildfires, and impact events. We will also look at approaches to mitigate the effects on humans and how humans are exacerbating the frequency and effects of some of these natural disasters. By the end of the course, students will have an overview of Earth's natural hazards and how they impact societies and economies in a globalized world.. This class runs every other spring semester, when Ancient and Modern Forensics are not offered.

Forensic Science: Modern Cases

Prerequisite: Biology at any level.

[One-half Credit]

In this course, students will learn how to observe and analyze the world around them and use this to scientifically investigate data collected and applications for legal matters. This is predominantly a lab class with an emphasis on problem-solving. Students will explore techniques used by forensic teams and crime labs to investigate evidence from crime scenes. The topics covered in this class will include: evidence study (hair, fiber, blood, bone, glass, soil, etc.), observation of crime scenes and data collection, presentation of evidence in the classroom and mock court settings, and methods of analysis using knowledge from various scientific fields, such as biology, anthropology, chemistry, and pathology. The grade from this class will be based mostly on lab reports and presentations about the evidence in real cases. There will also be occasional quizzes.



DIGITAL MEDIA LITERACY

Prerequisite: None.

Open to: Required for Freshmen.

[One Credit]

This course aims to empower students to develop the necessary skills to navigate an ever-changing information landscape and digital world with confidence, make informed decisions when evaluating information, and engage responsibly with emerging technologies. The course will equip students with critical digital competencies and media literacy skills for research in high school and beyond.

Throughout the course, students will explore a wide range of media literacy topics, alongside foundational library research skills. The course will emphasize critical thinking and recognizing the increasing importance of technology in accessing and evaluating information. Students will learn how to effectively use library research tools and platforms (catalogs, databases, source citation tools, and other digital resources) and understand how to incorporate primary and secondary sources into the research process. They will gain proficiency in navigating digital platforms

commonly used for everyday coursework, such as Google Workspace, Notability, and Canvas. Furthermore, they will develop real-world digital competencies, including understanding copyright and intellectual property, podcasting, utilizing AI ethically, engaging in design thinking, and experiencing hands-on fabrication with 3D printing.

AN INTRODUCTION TO GLOBAL COMPETENCIES

Prerequisite: None.

Open to: Required for Freshmen.

[Non-Credit]

In this one-semester, once per cycle seminar course, Freshmen students have the opportunity to explore the four domains of global competence including investigating the world, valuing different perspectives, communicating ideas, and acting on global issues. They will engage with these concepts via hands-on projects, interactive activities, guest speaker sessions, on-site visits and field trips. As students are introduced to familiar and new concepts in a global context, they are also guided to build connections between themselves and this increasingly interconnected world.



ATHLETICS

LFA Athletics Philosophy

In keeping with the traditional independent college preparatory school philosophy, Lake Forest Academy believes that a strong athletics program is an essential complement to its academic program. The feelings of physical well-being, along with the lessons in commitment, sportsmanship, self-discipline, competition, and teamwork, that come from this type of participation are benefits that the Academy holds in high regard.

Athletics Requirements

Freshmen and sophomores are required to participate in the athletic program for three seasons per year (fall, winter, and spring). Juniors and seniors must participate in at least two seasons and are encouraged to participate in the third. Participation is defined as being a member of one of our many interscholastic teams or enrolling in the physical education program. All students must participate in at least one interscholastic team per year. The winter musical and fall play are each equal to one PE season requirement. All freshmen and sophomores who participate in the fall play and winter musical must fulfill their team sport credit in the spring season. Juniors and seniors in the fall play and musical are required to



still participate in one interscholastic sport. Any student choosing to participate in an organized sport outside of LFA is still required to participate in all school commitments.

Waivers

For a student involved in a particular athletic pursuit not offered at Lake Forest Academy, the Athletic Department may grant a one- or two-season waiver to allow that student to continue their activity in lieu of the physical education requirement. Students are still required to participate in the LFA athletic program during at least one season per year. For a waiver to be considered, the student must complete an Athletic Waiver Form before the first day of the season practice.

NCAA Eligibility Requirements

Students who are interested in competing in athletics at the Division I or Division II collegiate level must meet the academic eligibility requirements of the National Collegiate Athletic Association (NCAA). For more information on the Division I and Division II eligibility requirements, please visit: <https://www.ncaa.org/sports/2013/11/25/academic-standards-for-initial-eligibility.aspx>.



FALL ELECTIVES

Computer Science

- Computer Science: Dart and Flutter

English

- Creative Writing Workshop
- Debate
- Mystery, Murder, & Mayhem in Detective Fiction
- Cuisine, Culture, & Community in Asian Literature

Fine & Performing Arts

- Ceramics 1
- Music Production
- Foundations in the Visual Arts
- Glass 1
- Public Speaking 1
- Introduction to Digital Art and Design
- Theater Technology 1
- Woodworking 1
- Writing for Stage & Screen
- 3D Design

History & Social Science

- A History of Human Rights in the Americas
- Introduction to Economics
- Sports in America: Economics & Politics

Math

- Discrete Math: Fundamentals
- Data Science: Fundamentals
- Game Theory
- Formal Logic
- Linear Algebra (P-AP)

Modern & Classical Languages

- Conversation Et Culture Dans le Monde Francophone (Conversation & Culture of the French-Speaking World)
- Conversación y Cultura del Mundo Hispano (Conversation & Culture of the Hispanic World)

Science

- Introduction to Astronomy
- Forensic Science: Ancient Cases with an Anthropology Focus

SPRING ELECTIVES

Computer Science

- Computer Science: React Native and Expo

English

- Creative Writing Workshop
- Get a Clue: True Crime Stories
- Immigration & Integration in Asian Literature
- Debate

Fine & Performing Arts

- Advanced Music Production
- Ceramics 2
- Glass 2
- Public Speaking 1
- Public Speaking 2
- Theater Technology 2
- Woodworking 2
- 3D Design
- Introduction to Digital Art and Design

History & Social Science

- A History of Global Human Rights
- Entrepreneurship
- Sports in America: Culture & Politics

Math

- Discrete Math: Applications
- Data Science: Applications
- Multivariable Calculus (P-AP)

Modern & Classical Languages

- Thèmes D'Actualité Dans le Monde Franco-phone (Current Events of the French-Speaking World)
- Temas Actuales del Mundo Hispano (Current Events of the Hispanic World)

Science

- Experimental Psychology: Research & Design
- Introduction to Natural Disasters
- Forensic Science: Modern Cases



FOUR-YEAR COURSE PLAN WORKSHEET

LFA MINIMUM GRADUATION REQUIREMENTS

GENERAL FOUR YEAR COLLEGE ADMISSION SEQUENCE

Name _____ Cumulative G.P.A. _____

Counselor/Advisor _____

Fall Sport/PE Choice _____

Winter Sport/PE Choice _____

Spring Sport/PE Choice _____

Do you plan to play a college sport? _____

Have you repeated a grade in high school? _____

FRESHMAN YEAR

SEMESTER 1 SEMESTER 2

1- 1- 1- 1-

2- 2- 2- 2-

3- 3- 3- 3-

4- 4- 4- 4-

5- 5- 5- 5-

6- 6- 6- 6-

7- 7- 7- 7-

Semester Credits: Semester Credits:

Total Year Credits: Total Year Credits:

SOPHOMORE YEAR

SEMESTER 1 SEMESTER 2

1- 1- 1- 1-

2- 2- 2- 2-

3- 3- 3- 3-

4- 4- 4- 4-

5- 5- 5- 5-

6- 6- 6- 6-

7- 7- 7- 7-

Semester Credits: Semester Credits:

Total Year Credits: Total Year Credits:

JUNIOR YEAR

SEMESTER 1 SEMESTER 2

1- 1- 1- 1-

2- 2- 2- 2-

3- 3- 3- 3-

4- 4- 4- 4-

5- 5- 5- 5-

6- 6- 6- 6-

7- 7- 7- 7-

Semester Credits: Semester Credits:

Total Year Credits: Total Year Credits:

SENIOR YEAR

SEMESTER 1 SEMESTER 2

1- 1- 1- 1-

2- 2- 2- 2-

3- 3- 3- 3-

4- 4- 4- 4-

5- 5- 5- 5-

6- 6- 6- 6-

7- 7- 7- 7-

Semester Credits: Semester Credits:

Total Year Credits: Total Year Credits:

English _____ 4 credits

Mathematics _____ 3 credits

History, Science, Languages

H.S.L. Discipline 1 _____ 3 credits

H.S.L. Discipline 2 _____ 3 credits

H.S.L. Discipline 3 _____ 2 credits

Three years in at least two of these disciplines and two in the third, including at least two full year lab sciences. All students must take either World History II or Advanced Placement World History and either U.S. History or Advanced Placement U.S. History.

Fine Arts

Incoming Freshman _____ 1.5 credits

Incoming Sophomore/Junior/Senior _____ 1 credit

Choice Electives _____ 2 credits

Total Credits 18.5 credits

English _____ 4 credits

Emphasis on written and oral communication and literature

Mathematics _____ 3 credits

Including algebra, advanced algebra, geometry, and/or trigonometry

Science _____ 3 credits

Emphasis on laboratory sciences with a foundation in biology, chemistry, and physics

Social Studies _____ 3 credits

Emphasis on history and government

Electives _____ 2 credits

Four semesters in foreign language, applied arts, or fine arts

No credit is earned for lunch or study hall. If you intend to participate in college athletics, refer to the NCAA Eligibility Center online at www.eligibilitycenter.org

Health, Wellness, and Community is a requirement for students, 9-12, and counts towards their graduation requirements. It is a pass/fail course.



Lake Forest Academy

www.lfanet.org