

School Mission Statement

"Elevate Your Learning, Illuminate Your Path: Immersion Academy, Where Every Student Shines!"

At Immersion Academy, our mission is to guide students through their academic and social journeys, illuminating their experiences through personalized learning in various formats with small class sizes. We are committed to supporting students to the best of their current academic and social abilities while fostering community growth.

Educational Philosophy

At Immersion Academy, we believe in the transformative power of personalized education. Our educational philosophy is grounded in the following principles:

1. **Embracing Diversity Through Digital Spaces:** We welcome students from all around the world, breaking down cultural and language barriers through digital learning. This fosters a diverse learning environment where students can learn from each other's experiences and perspectives.
2. **Personalized Support Every Step of the Way:** We deeply value the growth of our students, providing personalized learning experiences and collaborative group sessions. Our dedicated faculty offers unwavering support, ensuring that each student receives the guidance they need to succeed.
3. **Small Class Sizes for Individualized Attention:** With a student-teacher ratio of 3:1, we ensure that each student receives individualized support and guidance. This nurturing and effective learning environment allows every student to thrive and achieve their full potential.
4. **Commitment to Academic and Social Development:** We support students in their academic pursuits while also addressing their social needs. Our comprehensive approach prepares students not only for academic success but also for meaningful participation in their communities.
5. **Values and Traditions:** We uphold values and traditions that promote community growth and respect for all individuals. These principles guide our interactions and decisions, ensuring a positive and inclusive atmosphere for all.

By adhering to these principles, Immersion Academy aims to provide a holistic educational experience that elevates learning and illuminates each student's path to success.

Immersion Academy Graduation Requirements

Subject Area	Graduation Requirement
English	(4 Units)
Mathematics	(4 Units)
Science	(3 Units)
Social Studies (History+Gov/Econ)	(3 Units)
Visual/ Performing Arts	(1 Units)
Physical Education	(1 Units)
Electives	(8 Units)
	24 (Units)

Immersion Academy Requirements Compared to College Admission Requirements

Subject Area	Immersion Academy Requirements (in years)	CA State Requirements (in years)	UC Admission Requirements (in years)	Stanford Admission Requirements (in years)	Harvard Admission Requirements (in years)
English	4	3	4	4	4
Mathematics	4	2	3	4	4
Science	3	2	2	3	4
Social Studies	3	2	2	3	3
World Language	0	0	2	3	4
Visual/ Performing Arts	1	1	1	0	0
Electives	8	0	1	0	0

Immersion Academy Requirements Compared to College Admission Requirements

(Total Semesters)

Subject Area	Immersion Academy Requirements (in semesters)	CA State Requirements (in semester)	UC Admission Requirements (in semesters)	Stanford Admission Requirements (in semesters)	Harvard Admission Requirements (in semesters)
English	8	6	8	8	8
Mathematics	8	4	6	8	8
Science	6	4	4	6	8
Social Studies	6	4	4	6	6
World Language	0	0	4	6	8

Visual/ Performing Arts	2	2	2	0	0
Electives	16	0	2	0	0

COURSE DESCRIPTIONS

ENGLISH

English 9 – This foundational course introduces students to various literary genres, including fiction, non-fiction, poetry, and drama. Students will develop critical reading and analytical writing skills through essays, creative projects, and discussions. The course emphasizes grammar, vocabulary development, and structured writing techniques to build a strong foundation for high school English coursework.

English 10 – This course continues to build on the skills developed in English 9, with a focus on literary analysis, persuasive writing, and research. Students will explore global literature and historical texts, analyzing themes, character development, and authorial intent. Writing assignments will include argumentative essays, analytical pieces, and creative writing, helping students refine their ability to communicate effectively.

English 11 – With a primary focus on American literature, this course examines the cultural and historical contexts of major works from early American writings to contemporary texts. Students will engage in close reading, rhetorical analysis, and comparative essays to deepen their understanding of literature's role in shaping society. The course also emphasizes SAT and college-level writing skills.

English 12 – As the capstone of the high school English curriculum, this course engages students in critical literary theory, research-based writing, and sophisticated textual analysis. Students will study a range of classic and modern texts, refining their ability to craft well-supported arguments and articulate nuanced perspectives in academic writing and discussions.

AP English Language and Composition – This rigorous, college-level course focuses on rhetoric and argumentation. Students analyze non-fiction texts, speeches, and visual rhetoric while developing their ability to craft well-structured essays. Emphasis is placed on evidence-based argumentation, synthesis writing, and preparing for the AP exam through timed essays and multiple-choice practice.

AP English Literature and Composition – Designed for students passionate about literature, this course explores poetry, drama, and prose from various periods and cultures. Students engage in in-depth textual analysis, thematic studies, and comparative essays. The course prepares students for the AP exam through critical writing and discussion, emphasizing deeper interpretation of literary works.

Academic Writing – Academic Writing is a comprehensive rhetoric and sentence structure course for high-intermediate to advanced English language learners who are in college or are college bound. Teaches teach major academic writing in a straightforward manner, using a step-by-step approach. Process of academic writing, punctuation rules, charts of connecting words and translation signals, research and documentation of sources are introduced throughout the course.

MATHEMATICS

Algebra I – This course introduces fundamental algebraic concepts, including variables, expressions, linear equations, inequalities, functions, and quadratic equations. Students will develop problem-solving skills and apply algebraic reasoning to real-world situations. Emphasis is placed on graphing, mathematical modeling, and foundational logic.

Algebra II – Building upon Algebra I, this course expands students' knowledge of functions, polynomials, complex numbers, exponential and logarithmic functions, sequences and series, and conic sections. Students will apply advanced algebraic methods to solve problems and analyze mathematical patterns.

Geometry – This course explores geometric concepts, including points, lines, angles, polygons, circles, and three-dimensional figures. Students will develop logical reasoning skills through formal proofs, constructions, and transformations. Connections between geometry and algebra are emphasized through coordinate geometry and trigonometry.

Pre-Calculus – This advanced course prepares students for calculus by covering topics such as polynomial and rational functions, trigonometry, vectors, sequences, limits, and introductory derivatives. Emphasis is placed on mathematical reasoning, problem-solving, and real-world applications.

AP Calculus AB – A rigorous introduction to calculus, this course covers limits, derivatives, and integrals with applications in physics, engineering, and economics. Students will develop analytical skills and computational fluency, preparing them for the AP exam and higher-level mathematics courses.

AP Calculus BC – Extending the topics in Calculus AB, this course covers sequences, series, parametric equations, and polar functions. Designed for students with strong mathematical backgrounds, it provides a comprehensive understanding of advanced calculus concepts.

Statistics – This course introduces statistical concepts such as data collection, measures of central tendency, probability, and inferential statistics. Students will learn to interpret and analyze data, conduct experiments, and understand the role of statistics in various fields.

AP Statistics – A college-level course that explores probability, regression analysis, and hypothesis testing. Students will engage in data-driven projects, statistical research, and real-world applications, preparing them for the AP exam and future coursework in statistics and data science.

Integrated Math 1 & 2 – These courses integrate algebra, geometry, and statistics concepts in a progressive approach. Students develop problem-solving strategies and apply mathematical principles to various real-world contexts, fostering a deeper understanding of mathematical relationships.

CL Linear Algebra – This course provides a comprehensive introduction to the foundational concepts and methods of linear algebra. Topics include matrices and systems of linear equations, vector spaces and subspaces, linear independence, basis and dimension, inner product spaces, linear transformations, determinants, diagonalization, and real quadratic forms. Students will develop the skills to solve linear systems, compute determinants and matrix inverses, and understand key concepts such as vector spaces, subspaces, and bases. Additionally, students will learn to compute eigenvalues and eigenvectors, using them in

diagonalization and the classification of real quadratic forms. By the end of the course, students will be well-equipped to analyze and apply linear algebra concepts in various mathematical and practical contexts.

CL Multivariable Calculus – This course extends the foundational ideas of single-variable calculus to functions of multiple variables. Students explore vector functions, three-dimensional geometry, partial derivatives, optimization, multiple integrals, and vector fields. Emphasis is placed on interpreting and representing calculus concepts graphically, numerically, analytically, while preparing students for higher-level math in STEM disciplines.

SCIENCE

Physics – An introductory course that explores the fundamental principles of motion, forces, energy, waves, and thermodynamics. Through laboratory experiments, mathematical modeling, and real-world applications, students gain a comprehensive understanding of how physics governs the natural world.

AP Physics 1: Algebra-Based – A more in-depth physics course covering Newtonian mechanics, work, energy, power, and waves. This course requires algebra-based problem-solving and prepares students for the AP exam.

AP Physics 2: Algebra-Based – A continuation of AP Physics 1, covering topics such as fluid mechanics, thermodynamics, electricity, magnetism, optics, and modern physics. Students apply algebra-based reasoning to solve complex physical problems.

AP Physics C: Mechanics – A calculus-based physics course that delves into kinematics, Newton's laws, work, energy, and rotational motion. Recommended for students interested in engineering and physical sciences.

AP Physics C: Electricity and Magnetism – A continuation of Mechanics, focusing on electric and magnetic fields, circuits, and electromagnetism. Calculus-based problem-solving is emphasized.

Biology – A foundational life sciences course covering cell biology, genetics, evolution, and ecosystems. Students engage in hands-on experiments and research projects to explore living organisms and biological systems.

AP Biology – A college-level course that covers molecular biology, physiology, ecology, and genetics. Students conduct inquiry-based labs and prepare for the AP exam through data analysis and scientific writing.

Chemistry – Explores the composition, structure, and properties of matter, including atomic theory, bonding, chemical reactions, and thermodynamics. Laboratory experiments reinforce theoretical concepts.

AP Chemistry – A challenging course covering kinetics, equilibrium, acid-base chemistry, and electrochemistry. Students develop laboratory techniques and problem-solving skills to prepare for the AP exam.

Environmental Science – Examines ecosystems, human impact on the environment, and sustainability. Students analyze real-world environmental challenges and develop solutions through research and projects.

AP Environmental Science – A college-level exploration of ecological principles, pollution, conservation, and environmental policies. Field studies and laboratory work enhance students' understanding of global environmental issues.

SOCIAL SCIENCE

United States History – This course examines the major events, movements, and figures that have shaped the United States from pre-colonial times to the present. Students will analyze historical documents, develop research skills, and explore the impact of historical decisions on modern society.

AP United States History – A college-level survey of U.S. history that prepares students for the AP exam. The course covers significant themes such as democracy, economic transformations, and cultural shifts through rigorous reading, analysis, and writing assignments.

World History – A comprehensive study of global civilizations, cultures, and historical developments from ancient times to the present. The course emphasizes connections between societies, major conflicts, and global transformations.

AP World History: Modern – A college-level study of world history from 1200 CE to the present. Students analyze historical trends, primary sources, and global interconnections while preparing for the AP exam.

AP European History – Focuses on the development of European societies from the Renaissance to modern times. The course examines themes such as political revolutions, intellectual movements, and the impact of war and diplomacy.

World Geography – This course introduces students to the physical and human geography of the world. Topics include climate patterns, population distribution, cultural diffusion, and geopolitical issues.

AP Human Geography – A college-level course exploring human population dynamics, urbanization, economic systems, and cultural landscapes. Students engage in spatial analysis and critical discussions of global development.

United States Government and Politics – This course provides an overview of the structure and function of the U.S. government. Topics include the Constitution, political parties, civil rights, and public policy.

AP U.S. Government and Politics – A rigorous analysis of the American political system, preparing students for the AP exam. Students evaluate primary documents, Supreme Court cases, and contemporary political issues.

AP Comparative Government and Politics – This course examines different political systems, institutions, and ideologies across various nations. Students compare governance models and analyze international political trends.

Psychology – An introduction to human behavior, cognition, and emotions. Students explore psychological theories, research methods, and real-world applications of psychology.

AP Psychology – A college-level course that examines key psychological concepts, scientific methods, and the biological and cognitive bases of behavior. Prepares students for the AP exam.

Economics – Introduces fundamental economic principles, including supply and demand, market structures, and personal finance. Students analyze economic policies and real-world financial situations.

AP Microeconomics – A detailed study of individual economic decision-making, market efficiency, and business behavior. Students prepare for the AP exam through case studies and data analysis.

AP Macroeconomics – Explores national and global economic trends, monetary and fiscal policy, and international trade. Students engage in economic modeling and policy evaluation.

Sociology – Examines human society, cultural norms, social institutions, and interactions between individuals and groups. Students analyze case studies and conduct sociological research.

Ethnic Studies – A critical exploration of race, identity, and social justice. Students examine the historical and contemporary experiences of diverse ethnic groups and their contributions to society.

FINE ARTS

Art History and Appreciation – A study of major artistic movements, styles, and influential artists throughout history. Students analyze visual elements, techniques, and cultural significance of artworks.

AP Art History – A college-level examination of global art history, covering major artistic periods, architecture, and cultural influences. Prepares students for the AP exam through critical analysis and essays.

Intro to Visual Arts – A hands-on course that introduces students to fundamental art techniques, including drawing, painting, and sculpture. Emphasis is placed on creativity, composition, and artistic expression.

Music Appreciation: The Enjoyment of Listening – Students explore musical styles, historical periods, and famous composers. The course emphasizes active listening and critical discussions of music's role in society.

WORLD LANGUAGES

French I-IV – A progressive language series developing speaking, reading, writing, and listening skills. Students explore Francophone cultures and engage in interactive communication exercises.

AP French Language and Culture – An advanced study of French language and culture, preparing students for fluency and the AP exam. Topics include literature, media, and global issues.

Spanish I-III – Students build proficiency in speaking, writing, and understanding Spanish while exploring Hispanic cultures. Courses focus on real-world communication and cultural immersion.

AP Spanish Literature and Culture – A literary analysis course studying major works of Spanish-language literature. Students explore themes, historical contexts, and stylistic elements.

AP Spanish Language and Culture – A comprehensive language course that prepares students for the AP exam by developing fluency and deepening cultural understanding.

German I-II – Introduces students to the German language, covering grammar, vocabulary, and cultural traditions. Students develop speaking and comprehension skills.

AP German Language and Culture – A rigorous course focusing on advanced language skills, cultural analysis, and literature. Prepares students for college-level German studies and the AP exam.

Chinese I-II – This introductory course develops foundational Mandarin Chinese skills in speaking, listening, reading, and writing through real-world communication. Students explore Chinese language and culture while building practical communication skills through interactive activities and contextualized practice.

AP Chinese Language and Culture – This rigorous, college-level course develops students' proficiency in Mandarin Chinese through listening, speaking, reading, and writing. Students explore Chinese language and culture while strengthening communication and cultural understanding. Emphasis is placed on authentic language use and preparation for the AP Chinese Language and Culture Exam.

Japanese I-II – This course introduces students to the fundamentals of the Japanese language through practical communication, cultural exploration, and real-world applications. Students develop speaking, listening, reading, and writing skills while gaining an understanding of Japanese customs, traditions, and everyday life through interactive practice.

AP Japanese Language and Culture – Students develop proficiency in Japanese through listening, speaking, reading, and writing in real-world contexts. The course explores Japanese language and culture while strengthening communication skills and cultural understanding. Emphasis is placed on authentic language use and preparation for the AP Japanese Language and Culture Exam.

Latin I-III – This progressive language series develops students' skills in Latin reading, writing, translation, and grammatical analysis. Students build a foundation in Latin vocabulary and grammar while exploring Roman culture, history, and civilization.

AP Latin – Students develop advanced Latin reading and translation skills through the study of classical texts, such as selections from Vergil's Aeneid and Pliny the Younger's Letters. The course emphasizes literary analysis, historical context, and critical thinking while preparing students for the AP Latin Exam.

BUSINESS & TECHNOLOGY

Introduction to Java – Introduces the fundamentals of Java programming, including object-oriented programming, loops, and data structures. Students complete coding projects to develop problem-solving skills.

Computer Programming – Covers programming logic, algorithms, and software development. Students learn coding principles through hands-on exercises in multiple programming languages.

AP Computer Science A – A college-level Java programming course that prepares students for the AP exam. Topics include data structures, recursion, and software engineering principles.

AP Computer Science Principles – Focuses on computational thinking, problem-solving, and real-world applications of computing. Students explore programming, data analysis, and cybersecurity.

Personal Finance – A practical course teaching students financial literacy, including budgeting, credit, investing, and retirement planning. Students develop skills for responsible money management.

International Business – Examines global trade, market economies, and business strategies. Students analyze case studies and learn about international entrepreneurship.

Introduction to Business – Covers fundamental business concepts such as marketing, management, and finance. Students explore real-world business scenarios and career opportunities.

PHYSICAL EDUCATION

Physical Education – Promotes fitness, teamwork, and healthy living. Students engage in physical activities, learn about exercise science, and develop lifelong wellness habits.