

# The a– g Subject Requirements UC/CSU COURSE REQUIREMENTS

*Courses must be completed with a grade of “C” or better.*

<b>a. HISTORY/SOCIAL SCIENCE</b>	<b>2 YEARS REQUIRED</b>
<ul style="list-style-type: none"> <li>• One year of World History, Cultures or Geography</li> <li>• One year of US History or one-half year of US History and one-half year of American Government/Civics.</li> </ul>	
<b>b. ENGLISH</b>	<b>4 YEARS REQUIRED</b>
<ul style="list-style-type: none"> <li>• Four years of college preparatory English</li> <li>• Students may only use 1 year of ESL/ELD</li> </ul>	
<b>c. MATHEMATICS</b>	<b>3 YEARS REQUIRED</b> <i>4 YEARS RECOMMENDED</i>
<ul style="list-style-type: none"> <li>• Integrated Math 1</li> <li>• Integrated Math 2 / Integrated Math 2 Honors</li> <li>• Integrated Math 3 / Integrated Math 3 Honors</li> <li>• Trigonometry • Math Analysis • Honors Math Analysis</li> <li>• Statistics • AP Calculus (AB) or (BC) • AP Statistics</li> <li>• AP Computer Sci A</li> </ul> <p><b>**Courses taken in 7<sup>th</sup> or 8<sup>th</sup> grade may be considered (IM1 or higher)</b></p>	
<b>d. LABORATORY SCIENCE</b>	<b>2 YEARS REQUIRED</b> <i>3 YEARS RECOMMENDED</i>
<p><i>(One year of Biological &amp; One year of Physical)</i></p> <ul style="list-style-type: none"> <li>• Biology of the Living Earth • Chemistry</li> <li>• Anatomy &amp; Physiology (H) • AP Chemistry</li> <li>• Physics or AP Physics • AP Biology</li> <li>• AP Environmental Science • AP Computer Sci Principles</li> </ul>	
<b>e. LANGUAGE OTHER THAN ENGLISH</b>	<b>2 YEARS REQUIRED</b> <i>3 YEARS RECOMMENDED</i>
<ul style="list-style-type: none"> <li>• Two years of the same world language</li> </ul>	
<b>f. VISUAL AND PERFORMING ARTS (VPA)</b>	<b>1 YEAR REQUIRED</b>
<ul style="list-style-type: none"> <li>• A yearlong approved arts course from a single VPA discipline:</li> <li>• See Mayfair’s “A-G” approved courses list.</li> </ul>	
<b>g. ELECTIVES</b>	<b>1 YEAR REQUIRED</b>
<ul style="list-style-type: none"> <li>• One year (two semesters), in addition to those required in "a-f" above.</li> <li>• See Mayfair’s “A-G” approved courses list.</li> </ul>	

MAYFAIR HIGH SCHOOL’S APPROVED “a-g” COURSE LISTS CAN BE VIEWED AT: <https://doorways.ucop.edu/list>

- CSU website: <http://calstate.edu/>
- UC Website: <http://www.universityofcalifornia.edu/>
- Course requirements may differ for independent colleges/universities: <http://www.californiacolleges.edu/>

**STUDENTS WILL ALSO NEED TO TAKE APPROPRIATE COLLEGE TESTS:**

- SAT information: <http://www.collegeboard.com/>
- ACT information: <http://actstudent.org/>

# Mayfair High School GRADUATION REQUIREMENTS

*Student must earn a passing grade in both Fall and Spring semesters*

SUBJECT AREA	CREDIT
<b>HISTORY/SOCIAL SCIENCE</b> 4 YEARS	<b>40</b>
<ul style="list-style-type: none"> <li>• Geography (1 semester), AP Human Geography</li> <li>• Modern World History, AP World History</li> <li>• U.S. History, AP US History</li> <li>• Government, AP Government</li> <li>• Economics (1 semester), AP Economics</li> </ul>	
<b>ENGLISH/LANGUAGE ARTS</b> 4 YEARS	<b>40</b>
<ul style="list-style-type: none"> <li>• English 9, English 9 Honors</li> <li>• English 10, English 10 Honors</li> <li>• English 11, ERW11, AP English 11, Eng 72</li> <li>• English 12, ERWC 12, AP English 12, Eng 100</li> </ul>	
<b>MATHEMATICS*</b> 2 YEARS	<b>20</b>
<p><i>*At least one mathematics course must meet or exceed the rigor of the content standards for Algebra I/Integrated Math 1.</i></p> <ul style="list-style-type: none"> <li>• Integrated Math 1</li> <li>• Integrated Math 2 / Integrated Math 2 Honors</li> <li>• Integrated Math 3 / Integrated Math 3 Honors</li> <li>• Trigonometry • Business Math (Seniors only)</li> <li>• Math Analysis • Honors Math Analysis • Statistics</li> <li>• AP Calculus (AB) or (BC) • AP Statistics</li> <li>• AP Comp. Sci A</li> </ul>	
<b>SCIENCE: BIOLOGICAL</b> 1 YEAR	<b>10</b>
<ul style="list-style-type: none"> <li>• Biology of the Living Earth (lab)</li> </ul>	
<b>SCIENCE: PHYSICAL</b> 1 YEAR	<b>10</b>
<ul style="list-style-type: none"> <li>• Chemistry (lab)</li> </ul>	
<b>ONE ADDITIONAL YEAR OF MATH OR SCIENCE</b>	<b>10</b>
<ul style="list-style-type: none"> <li>• Forensics</li> <li>• Environmental Science • AP Environmental Sci (lab)</li> <li>• AP Bio.(lab) • AP Chem.(lab)</li> <li>• Anatomy &amp; Physiology (H) (lab)</li> <li>• Physics or AP Physics (lab)</li> <li>• AP Computer Sci Principles (lab)</li> </ul>	
<b>FINE ARTS OR WORLD LANGUAGE</b> 1 YEAR	<b>10</b>
<b>PHYSICAL EDUCATION</b> 2 YEARS	<b>20</b>
<b>PRACTICAL ARTS**</b> 1 SEMESTER	<b>5</b>
<ul style="list-style-type: none"> <li>• Career Technical Education (CTE) Courses</li> </ul> <p><i>**May be waived if the student passes an additional year of the same foreign language.</i></p>	
<b>ELECTIVE CREDITS (ADDITIONAL COURSES)</b>	<b>50</b>
<b>TOTAL CREDITS</b>	<b>220</b>

(As of 2/2021)