



## MATH AND SCIENCE COLLEGE PREPARATORY A-G COLLEGE PREP COURSEWORK & GRADUATION REQUIREMENTS

To successfully graduate from Math and Science College Preparatory, each student must:

- ❑ Earn a total of **230 units/credits**.
- ❑ Take the A-G College Preparatory Coursework and pass **all** A-G courses with a grade of C or higher. Of the 230 credits required to graduate, **150** are required A-G credits.
  - Core Courses offered may be Standard Core, Honors or Advanced Placement.
  - Advanced Placement Courses and Exams may be on site or online through University of California College Prep (UCCP).
  - All courses are transferable to other schools or universities to meet graduation requirements.
- ❑ Obtain a passing score on California High School Exit Exam (CAHSEE).
- ❑ Complete 40 hours of community service.



Subject Area	A-G UC / CSU Requirements	MSCP Graduation Requirements	Grade 9 [65 credits]	Grade 10 [65 credits]	Grade 11 [65 credits]	Grade 12 [65 credits]
<b>(a) History / Social Science</b>	- 2 yrs - 20 credits	- additional 1 yr - 10 credits		<b>(a)</b> World History, Cultures, and Historical Geography [10]	<b>(a)</b> U.S. History [10]	<b>(a)</b> American Government (sem.) [5] & Economics (sem.) [5]
<b>(b) English / Language Arts</b>	- 4 yrs required - 40 credits	Same as A-G UC/CSU Req.	<b>(b)</b> English 9 [10]	<b>(b)</b> English 10 [10]	<b>(b)</b> English 11 [10] American Lit / Contemporary Comp.	<b>(b)</b> English 12 [10] Adv Comp/Lit
<b>(c) Math</b>	- 3 yrs required (4 yrs recommended) - 30 credits	Same as A-G UC/CSU Req.	<b>(c)</b> Algebra I/II [10] OR <b>(c)</b> Integrated Math I [10]	<b>(c)</b> Geometry [10] OR <b>(c)</b> Integrated Math II [10]	<b>(c)</b> Integrated Math III [10] OR <b>(c)</b> Pre-Calculus [10] <i>or Other Elective</i>	<b>(c)</b> Pre-Calculus [10] <i>Or (g) Other Elective</i>
<b>(d) Laboratory Science</b>	- 2 yrs required (3 recommended) - 20 credits	Same as A-G UC/CSU Req.	<b>(d)</b> Biology [10]		<b>(d)</b> Physics [10]	<b>(d)</b> Chemistry [10] <i>OR Elective</i>
<b>(e) Language other than English (LOTE)</b>	- 2 yrs required (3 yrs recommended) - 20 credits	Same as A-G UC/CSU Req.	<b>(e)</b> Spanish 1 [10] <i>Or Other language</i>	<b>(e)</b> Spanish 2 [10] <i>Or Other language</i>	<b>(e)</b> Spanish 3 [10] <i>OR Elective [10]</i>	<b>(g)</b> Spanish 4 [10] <i>OR Elective [10]</i>
<b>(f) Visual / Performing Arts</b>	- 1 yr required - 10 credits	Same as A-G UC/CSU Req.			<b>(f)</b> Music, Dance, Drama, or Art [10]	
<b>(g) College Prep Elective</b>	- 1 yr - 10 credits (g) OR additional (a-f) course	- additional 4 year-long courses - 40 credits	<b>(g)</b> STEM [10]	<b>(g)</b> Environmental Science [10] OR <b>(g)</b> STEM [10]	<b>(g)</b> STEM [10]	<b>(g)</b> STEM [10]
<b>Other Electives</b>			Academic Support Elective [10]: English, Math	Academic Support Elective [10]: English, Math	Academic Support Elective [10]: English, Math	
<b>Physical Education</b>		- 1 yr - 10 credits	Physical Education / Health [10]			
<b>Advisory / Seminar</b>		- 4 yrs - 20 credits	Advisory / Seminar [5]	Seminar [5]	Seminar [5]	Seminar [5]
<b>Total Credits</b>	<b>150 credits</b>	<b>230 credits</b>				