

# **Santa Cruz High School Academic Planning Workshop 2021**



## **Santa Cruz High School Counseling Department**

### **Terestia Diaz\***

Counselor for  
Students with Last Names  
A-F  
Ext. 50306  
teresita.diaz@sccs.net

### **Leslie Rodriguez\***

Counselor for  
Students with Last Names  
G-N  
Ext. 50310  
lrodriguez@sccs.net

### **Samuel Solis\***

Counselor for  
Students with Last Names  
O-Z  
Ext. 50307  
samuelsolis@sccs.net

### **Sheri Williams**

CTE Counselor  
Ext. 50305  
sherylwilliams@sccs.net

### **Rene Ohana**

Assistant Principal for  
Counseling  
Ext. 50203  
reneohana@sccs.net

### **Rachel Martinez-Steele**

Counseling Secretary  
Ext. 50300  
rachelmartinez-steele@sc  
cs.net

### **Jacqui Adler**

Registrar  
Ext. 50303  
jacquiadler@sccs.net

### **Rita Medina\***

Community Coordinator  
Ext. 50301  
ritamedina@sccs.net

\*Bilingual in Spanish and English



### Choosing a University

- o By location, climate, geographical area
- o Commuting vs living on campus
- o By campus size, town size
- o Reach, target safety schools
- o By major or program
- o Cost of College

<b>2021-2022 California Residents</b>	<b>UC (Avg.)</b>	<b>CSU (Avg.)</b>	<b>Community College (Cabrillo)</b>
<b>Tuition/ fees</b>	\$14,100	\$6,782	\$1,458 (First 2 years could be free)
<b>Books /supplies</b>	\$1,300	\$2,058	\$1,746
<b>Room /board</b>	\$17,300	\$16,932	\$4,970*
<b>Personal /health &amp; transportation</b>	\$4,900	\$4,317	\$4,194
<b>Total</b>	<b>\$36,700</b>	<b>\$30,089</b>	<b>\$12,368</b>

\*Student living with parents

### High School GPA for Freshman Admission at UC and CSU Campuses, Fall 2021

UC System		CSU Campuses			
Campus	GPA	Campus	GPA	Campus	GPA
Berkeley	4.12— 4.30	Bakersfield	3.2	Northridge	3.28
Davis	3.95 — 4.25	Channel Islands	3.22	CAL Poly Pomona	3.49
Los Angeles	4.19 — 4.32	Chico	3.33	Sacramento	3.3
San Diego	4.07 — 4.29	Dominguez Hills	3.15	San Bernardino	3.21
Santa Barbara	4.10— 4.29	East Bay	3.27	San Diego	3.49
Irvine	3.96 — 4.26	Fresno	3.33	San Francisco	3.23
Santa Cruz	3.81 — 4.20	Fullerton	3.56	San Jose	3.4
Riverside	3.7 — 4.13	Humboldt	3.33	CAL Poly SLO	3.92
Merced	3.39- 4.00	Long Beach	3.62	San Marcos	3.19
		Los Angeles	3.18	Sonoma	3.20
		Maritime	3.3	Stanislaus	3.36
		Monterey Bay	3.32		

# 2022-2023 CSU Undergraduate Impacted Programs Matrix

	Bakersfield	Channel Islands	Chico	Dominguez Hills	East Bay	Fresno*	Fullerton*	Humboldt	Long Beach*	Los Angeles*	Maritime Academy N	Monterey Bay	Northridge	Pomona	Sacramento	San Bernardino	San Diego*	San Francisco	San Jose*	San Luis Obispo*	San Marcos	Sonoma	Stanislaus
Apparel Design & Merchandising														O	O			O					
Architecture														I						I			
Art	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	N	I	I	O	O	O
Biological Sciences**	O	O	O	O	O	I	I	O	I	I		N	I	I	O	O	I	O	I	I	I	O	O
Business	O	O	O	O	O	I	I	O	I	I	O	N	N	N	I	O	I	N	I	I	I	O	O
Chemistry/Biochemistry	O	O	O	O	O	I	I	O	I	I			O	I	O	O	I	O	I	I	O	O	O
Child/Human Development	O		O	O	O	I	I	O	I	I		O	O		O	O	I	O	I	I	O	I	O
Communication	O	O	O	O	O	I	I	O	I	I		O	I	I	O	O	I	O	I	I	I	O	O
Computer Science	O	O	O	O	O	I	I	O	I	I		I	O	I	O	O	I	O	I	I	O	O	O
Criminology/Criminal Justice	O		O	O	O	I	I	O	I	I			I		I	I	I	O	I	I	O	I	O
Economics	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I	I	O	O	O
Engineering	O	I	O	O	O	I	I	O	I	I	I		O	N	O	O	I	O	I	I	I	O	O
English	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I	I	O	O	O
Environmental Studies/Sciences	O	O	O	O	O	I		O	I			N		N	O	O	I	O	I	I	O	O	O
Family & Consumer Sciences						I			I				O		O			O					
Film & Electronic Arts/Cinema							I	O	I	I		O	I		O			O					
Food & Nutrition/Dietetics			O			I			I	I			O	O	O	O	I	I	I	I			
Graphic Design			O	O	O	I	I		I	I		O	O	O	I	O	I	N	I	I			
Health Science/Education	O	O	O	O	O	I	I		I	I			I	O	I	O	I	O	I				
History	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I	I	O	O	O
Hospitality & Tourism			O	O	O		I		I			O	O	O		O	I	O	I	I			
Information Systems	O		O	O	O	I	I		I	I		O	O	O	O	O	I	O	I	I	O		O
Interior Design			O			I			I						O		I	O	I				
International Business (B.A.)				O		I	I			I		N		N	I	O	I	N	I				
Journalism/Mass Communications			O	O	O	I	I	O	I			O	O	O	O		I	O	I	I	I		
Kinesiology/Physical\ Education	O		O	O	O	I	I	O	I	I		N	I	I	O	N	N	I	I	I	I	I	O
Liberal Studies	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I	I	O	O	O
Marine Transportation											I												
Mathematics	O	O	O	O	O	I	I	O	I	I		N	O	O	O	O	I	O	I	O	O	O	O
Music	O		N	O	O	I	I	O	I	I		O	I	O	O	O	I	O	I	I		O	O
Nursing, Basic	I	I	I		I	I	I		I	I					I	I	I	I	I		I	I	I
Nursing, RN to BSN	I	O	O	O	O	I	I	I	I	I			O		O	O	I	O	I		O	I	O
Occupational Therapy/Health							I						O						I				
Oceanography								O			I												
Physics	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	O	O	O
Political Science	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I	I	O	O	O
Psychology	O	O	O	O	O	I	I	O	I	I		N	I	I	I	O	I	I	I	I	O	I	O
Public Administration	O		O	O	O	I	I		I	I			O			O	I		I			O	O
Radio-Television & Film			O	O	O	I	I			I		O	O				I	O	I				
Social Science			O				I	O		I		O		O	O	O	I		I	I	O		O
Social Work			I			I		O	I	I		O		O	O	N	I	I	I				
Sociology	O	O	O	O	O	I	I	O	I	I		O	O	N	O	O	I	O	I	I	O	I	O
Spanish	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I		O	O	O
Theater/Performing Arts	O	O	O	O	O	I	I	O	I	I		O	O	O	O	O	I	O	I	I	O	O	O
Undeclared						I	I		I	I		I					I	N	I				

**Codes:** \* = All programs are impacted      I = Programs Impacted at the campus      N = See notes for the campus on the next page  
 O = Programs offered at the campus but not impacted      □ = A blank cell indicates that the program is not offered at this campus  
 \*\*Biological Sciences should include Biology, Biotechnology, Microbiology, and Medical Technology

## Notes for First Time Freshmen (FTF) and Upper Division Transfers (UDT)

**Bakersfield:** No campus impactation for FTF or UDT. Impacted in nursing (basic) and the RN to BSN nursing programs.

**Channel Islands:** No campus impactation for FTF or UDT. Impacted in the nursing (basic) program and mechatronics program.

**Chico:** Impacted for FTF and UDT, and programs in nursing (basic), social work, and option in recording arts (BA in Music).

**Dominguez Hills:** No campus impactation for FTF or UDT.

**East Bay:** Impacted for FTF and UDT and in the nursing (basic) program.

**Fresno:** Impacted for FTF and UDT, and in all undergraduate programs, pre-programs, undeclared/undecided programs.

**Fullerton:** Impacted for FTF and UDT, and in all undergraduate programs, pre-programs, undeclared/undecided programs.

**Humboldt:** No campus impactation for FTF or UDT. Impacted in RN to BSN Program.

**Long Beach:** Impacted in all undergraduate programs, pre-programs for FTF and UDT and undeclared/undecided programs for FTF only.

**Los Angeles:** Impacted in all undergraduate programs, pre-programs for FTF and UDT and undeclared/undecided programs for FTF only.

**Maritime Academy:** Impacted in facilities engineering technology, marine engineering technology, marine transportation, mechanical engineering and oceanography. New students in all majors must complete a physical examination and pass a health review prior to enrollment.

**Monterey Bay:** Impacted for FTF and UDT, and programs in biology (FTF), business administration (FTF), computer science, environmental science, technology and policy (UDT only), marine science, kinesiology (FTF), mathematics (UDT only), psychology (FTF) and undeclared/undecided (FTF).

**Northridge:** Impacted for FTF and UDT, and programs in accountancy, biology, business administration (insurance and financial services option), cinema & television arts, communication studies, criminal justice, finance, health administration, kinesiology, music and psychology.

**Pomona:** Impacted for FTF and UDT, and programs in animal science, animal health science, architecture, biology, biotechnology, business administration (accounting option), chemistry, civil engineering, communication, computer science, environmental biology, engineering (aerospace, chemical, civil, computer, electrical and mechanical), kinesiology (general option), physics and Sociology (transfer only).

**Sacramento:** Impacted for FTF and UDT, and programs in business administration (all options), criminal justice (general), graphic design (general), health science (all options), nursing (general), and psychology (general).

**San Bernardino:** Impacted for FTF and UDT, and programs in criminal justice (all options), kinesiology (pre-physical therapy), nursing (general), and social work (pre-social work).

**San Diego:** Impacted for FTF and UDT, and in all undergraduate programs, pre-programs, and undeclared/undecided programs.

**San Francisco:** Impacted in business administration (accounting), kinesiology (all options except Integrated Teacher Education Program in PE), nursing (general), psychology, social work and undeclared/undecided (with an interest in nursing)

**San Jose:** Impacted for FTF and UDT, and in all undergraduate programs, pre-programs, and undeclared/undecided programs.

**San Luis Obispo:** Impacted for FTF and UDT in all undergraduate programs (and does not consider alternate majors).

**San Marcos:** Impacted for FTF and UDT, and programs in biological sciences, biotechnology, business administration, communications, electrical engineering, kinesiology, mass media, nursing (basic) and software engineering.

**Sonoma:** Impacted for programs in communication studies, criminology and criminal justice studies, early childhood studies, human development, kinesiology (all options), nursing (pre-nursing and pre-licensure BSN), psychology, and sociology.

**Stanislaus:** No campus impactation for FTF or UDT. Impacted for pre-nursing and nursing (generic or basic) program.

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**Please go to [www2.calstate.edu/pages/ImpactionSearch.aspx](http://www2.calstate.edu/pages/ImpactionSearch.aspx) for the most accurate and up-to-date information regarding impacted campuses and programs at the CSU. To find all degrees/programs available by CSU campus, visit <http://degrees.calstate.edu>. Programs offered through CSU Extended Education may also be available at campuses and are not reflected in the matrix.**



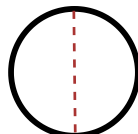
## A-G Requirements for College Bound Students

Student's Name: \_\_\_\_\_

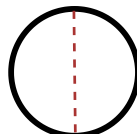
**A**

### History

2 years required



World History

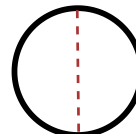
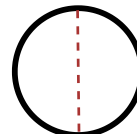
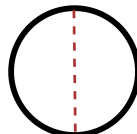
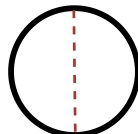


U.S. History

**B**

### English

4 years required

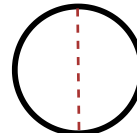
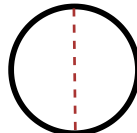
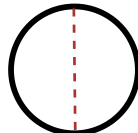


**C**

### Mathematics

3 years required

4 years recommended

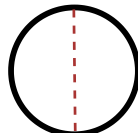


**D**

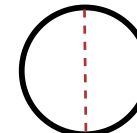
### Laboratory Science

2 years required

3 years recommended



Biology



Chemistry or Physics

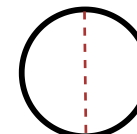
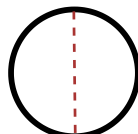


**E**

### Foreign Language

2 years required

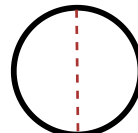
3 years recommended



**F**

### Visual/Performing Arts

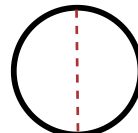
1 year required



**G**

### College Prep Elective

1 year required



Student must complete all A-G courses with a grade "C-" or better and take the SAT or ACT with essay.

Notes

I have reviewed my students' progress towards meeting A-G requirements (4 year college ready).

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_



## Santa Cruz High School Graduation Requirements and 4-year College Prep Requirements

Graduation Requirements	
Classes	Credits
<b>WORLD HISTORY</b>	10
<b>U.S. HISTORY</b>	10
<b>AMERICAN GOVERNMENT/ECONOMICS</b>	10
<b>ENGLISH</b>	40
<b>MATH</b> (Required minimum through Integrated Math 1B)	20
<b>PHYSICAL EDUCATION</b>	20
<b>LIFE SCIENCE</b> (Biology)	10
<b>PHYSICAL SCIENCE</b> (Chemistry or Physics)	10
<b>FINE ART</b>	10
<b>HEALTH</b>	5
<b>APPLIED ART</b>	5
<b>FINE/APPLIED ART/WORLD LANG</b>	10
<b>ELECTIVES</b>	70
<b>TOTAL</b>	230

CSU and UC Minimum Subject Requirements: “A-G” (Grade of ‘C-’ or Better Required)			
Classes		Credits	“Years” / # of Classes
A	<b>HISTORY/SOCIAL STUDIES</b>	20	2
B	<b>ENGLISH</b>	40	4
C	<b>MATH</b> (Int. Math 1, Int. Math 2 and Int. Math 3 or M.A. 1 and M.A. 2 /4 yrs. Recommended)	30	3+
D	<b>LAB SCIENCE</b> (Biology and Chemistry or Physics— 2 yrs.req/ both Physics and Chemistry are recommended)	20	2+
E	<b>FOREIGN LANGUAGE</b> (2 yrs required/ 3 yrs recommended--must be in the same language)	20	2+
F	<b>VISUAL &amp; PERFORMING ARTS</b>	10	1
G	<b>COLLEGE PREP ELECTIVES</b>	10	1



### SAT/ACT Test Comparison

#### Comparación de pruebas SAT/ACT

SAT	ACT
3 hours, 40 minutes long <i>Duración: 3 horas, 40 minutos</i>	3 hours, 25 minutes long <i>Duración: 3 horas, 25 minutos</i>
English (Reading/Writing), Math <i>Inglés (Lectura/Escritura), Matemáticas</i>	English, Math, Reading, Science <i>Inglés, Matemáticas, Lectura, Ciencias</i>
Essay: 50 minutes, last section <i>Relato: 50 minutos, última sección</i>	Essay: 30 minutes, last section <i>Relato: 30 minutos, última sección</i>
Top score: 1600 <i>Puntuación máxima: 1600</i>	Top score: 36 <i>Puntuación máxima: 36</i>
Average score: 1000 <i>Puntuación media: 1000</i>	Average score: 21 <i>Puntuación media: 21</i>
No penalty for incorrect answers <i>Sin penalización por respuestas incorrectas</i>	No penalty for incorrect answers <i>Sin penalización por respuestas incorrectas</i>
Questions in order of difficulty <i>Preguntas en orden de dificultad</i>	Questions in random order of difficulty <i>Preguntas en orden aleatorio de dificultad</i>
Basic Math through Trigonometry & Statistics <i>Matemáticas básicas a través de trigonometría y estadística</i>	Basic Math through Trigonometry <i>Matemáticas básicas a través de trigonometría</i>
Math formulas provided <i>Se proporcionan fórmulas matemáticas</i>	No Math formulas provided <i>No se proporcionan fórmulas matemáticas</i>
Accepted in every 4-year college <i>Aceptada en todas las universidades de 4 años</i>	Accepted in every 4-year college <i>Aceptada en todas las universidades de 4 años</i>
Offered 7 times a year <i>Ofrecidas 7 veces al año</i>	Offered 6 times a year <i>Ofrecidas 6 veces al año</i>



### Counseling Office Dates and Deadlines 2021-2022

<b>Deadline (Instructional Day)</b>	<b>Fall Semester Quarter 1</b>	<b>Fall Semester Quarter 2</b>	<b>Spring Semester Quarter 3</b>	<b>Spring Semester Quarter 4</b>
	08/11/21-10/08/21	10/11/21-12/17/21	01/07/22-03/11/22	03/14/22-05/26/22
<b>Last day to add a class.</b> Last day to drop a class without instructor signature. (7 <sup>th</sup> day)	Friday August 20	Wednesday October 20	Tuesday January 18	Wednesday March 23
<b>Last day to drop a class without record on transcript.</b> Instructor signature required. (15 <sup>th</sup> day)	Wednesday September 01	Monday November 01	Friday January 28	Monday April 11
<b>Last day to drop a class with a W</b> on transcript. Instructor signature required.	Wednesday September 22	Monday November 22	Tuesday February 22	Monday April 25
<b>After the last day to drop a class with a “W”, all drops will result in a “WF” on the transcript.</b>				

### Fechas de Vencimiento de la Oficina de Consejería 2021-2022

<b>Fecha de Vencimiento (Día Instruccional)</b>	<b>Semestre de Otoño Cuarto 1</b>	<b>Semestre de Otoño Cuarto 2</b>	<b>Semestre de Primavera Cuarto 3</b>	<b>Semestre de Primavera Cuarto 4</b>
	08/11/21-10/08/21	10/11/21-12/17/21	01/07/22-03/11/22	03/14/22-05/26/22
<b>Último día para agregar una clase.</b> Último día para retirar una clase sin firma del instructor. (Día 7)	viernes 20 de agosto	miércoles 20 de octubre	martes 18 de enero	miércoles 23 de marzo
<b>Último para retirar una clase</b> sin registro en expediente académico. La firma del instructor es requerida. (Día 15)	miércoles 01 de septiembre	lunes 01 de noviembre	viernes 28 de febrero	lunes 01/11 de abril?
<b>Último día para retirar una clase con una W</b> en el expediente académico. Firma del instructor requerida.	miércoles 22 de septiembre	lunes 22 de noviembre	martes 22 de febrero	lunes 25 de abril
<b>Después del último día para retirar una clase con una “W”, todas las clases retiradas resultaran en una “WF” en el expediente académico.</b>				





## Santa Cruz High School Four-Year Academic Plan

Student's Name: \_\_\_\_\_

### 9<sup>th</sup> Grade

SEMESTER 1	SEMESTER 2	NOTES

### 10<sup>th</sup> Grade

SEMESTER 1	SEMESTER 2	NOTES
		<ul style="list-style-type: none"><li>English 2/Honors</li><li>World History/Honors</li><li>Math</li><li>Science</li></ul> → Consider taking PSAT

### 11<sup>th</sup> Grade

SEMESTER 1	SEMESTER 2	NOTES
		<ul style="list-style-type: none"><li>American Lit./AP Lang &amp; Comp.</li><li>United States History/AP</li><li>Math</li><li>Science</li></ul> → All Juniors will take the PSAT → Explore post-secondary options → Consider taking the PSAT in fall and SAT in spring

### 12<sup>th</sup> Grade

SEMESTER 1	SEMESTER 2	NOTES
		<ul style="list-style-type: none"><li>English/AP</li><li>Am.Gov/Economics</li><li>Math</li><li>Science</li></ul> → Recommended to continue with Math & Science → Consider taking SATs by November → Move ahead with post-secondary plans

### Students need 230 units to graduate from Santa Cruz High School.

- This plan does not guarantee enrollment in sequence or the class itself.
- A grade of a "C-" or better in all classes is required to stay 4-Year College eligible

**Santa Cruz High School 2022-2023 Course Offerings List**

Course Number	Course Name	Grade Level	Qrts.	CSU/UC A-G Code
<b>ENGLISH</b>				
10030	ELD 3	9-12	2	-
10050	ELD Language and Literacy	9-12	2	-
01010	Transitional English	9-12	4	<b>B</b>
01000	English 1	9	2	<b>B</b>
01020	English 2	10	2	<b>B</b>
01026	English 2 Honors	10	2	<b>B</b>
01060	American Literature	11	2	<b>B</b>
01070	World Literature	12	2	<b>B</b>
01080	English Composition	12	2	<b>B</b>
01110	AP English Lit. & Comp.	12	2	<b>B</b>
01100	AP English Lang. & Comp.	11	2	<b>B</b>
<b>MATHEMATICS</b>				
13040	Math Plus	9-12	2	—
04000	Integrated Math Year-Long	9-11	4	<b>C</b>
04100	Integrated Math 1A	9-12	2	<b>C</b>
04105	Integrated Math 1B	9-12	2	<b>C</b>
04120	Integrated Math 2	10-12	2	<b>C</b>
04130	Integrated Math 3	9-12	2	<b>C</b>
04170	Trig./Analytic Geometry	10-12	2	<b>C</b>
04210	Introduction to Calculus	10-12	2	<b>C</b>
04140	(Math Academy 1) Integrated Alg. 1/Geometry	9	4	<b>C</b>
04160	(Math Academy 2) Algebra 2/Trigonometry	10	2	<b>C</b>
04180	PreCalc./A. Geom. (Q3-Q4 H)	10	2	<b>C</b>
04250	AP Statistics	11-12	2	<b>C</b>
04220	AP Calculus (AB)(S1) 2 Honor points	11-12	2	<b>C</b>
04225	Calculus (AB) & Project (S2) No Honor points	11-12	2	<b>C</b>
04230	AP Calculus (BC) 2 Honors Points	11-12	2	<b>C</b>
04235	AP Calc. (BC) & Project (Q3) 1 Honor point	11-12	1	<b>C</b>
04234	AP Calc. (BC) & Project (Q4) No Honor points	11-12	1	<b>C</b>
04280	AP Comp. Science A (CTE)	9-12	2	<b>C</b>
04185	Mathematics Reasoning with Connections	11-12	2	<b>C</b>
<b>9TH GRADE CORE</b>				
03100	9th Grade Core	9	2	—
<b>PHYSICAL EDUCATION</b>				
07000	P.E. 1	9	2	—
07020	P.E. 2	10-12	2	—
07080	P.E. Yoga	10-12	2	—
07076	Sports Perf. Train./Cond.	10-12	4	—
<b>SOCIAL STUDIES</b>				
02010	World History	10	2	<b>A</b>
02030	World History Honors	10	2	<b>A</b>
02050	United States History	11	2	<b>A</b>
02070	AP US History	11	2	<b>A</b>
02080	American Government	12	1	<b>A</b>
02110	Economics	12	1	<b>G</b>
02120	Psychology	10-12	1	<b>G</b>
02140	Sociology	10-12	1	<b>G</b>

Course Number	Course Name	Grade Level	Qrts.	CSU/UC A-G Code
<b>SCIENCE</b>				
<b>Physical Science (PS)</b>		<b>Life Science (LS)</b>		
05040	Biology (LS)	9-10	2	<b>D</b>
05050	AP Biology (LS)	11-12	2	<b>D</b>
05105	Physiology Honors (LS)	11-12	2	<b>D</b>
05060	Chemistry (PS)	10-12	2	<b>D</b>
05070	AP Chemistry (PS)	10-12	2	<b>D</b>
05080	Physics (PS)	10-12	2	<b>D</b>
05085	AP Physics 1 (PS)	10-12	2	<b>D</b>
05086	AP Physics 2 (PS)	10-12	2	<b>D</b>
05125	AP Environmental Sci. (PS)	10-12	2	<b>D</b>
04260	Intro. to Comp. Science (CTE)	9-12	2	<b>D</b>
<b>WORLD LANGUAGE</b>				
06100	French 1	9-12	2	<b>E</b>
06110	French 2	9-12	2	<b>E</b>
06120	French 3	9-12	2	<b>E</b>
06130	French 4	9-12	2	<b>E</b>
06223	AP French Language	9-12	2	<b>E</b>
06000	Spanish 1	9-12	2	<b>E</b>
06010	Spanish 2	9-12	2	<b>E</b>
06020	Spanish 3	9-12	2	<b>E</b>
06030	Spanish 4	9-12	2	<b>E</b>
06040	AP Spanish Language	9-12	2	<b>E</b>
23100	American Sign Language 1 Dual Enrollment w/Cabrillo College	9-12	2	<b>E</b>
	American Sign Language 2 Dual Enrollment w/Cabrillo College	9-12	2	<b>E</b>
<b>FINE ARTS – VISUAL &amp; PERFORMING</b>				
08000	Art	9-12	2	<b>F</b>
08040	Painting	10-12	2	<b>F</b>
08050	Painting Advanced	10-12	2+	<b>F</b>
08060	Ceramics	9-12	2	<b>F</b>
08070	Ceramics Advanced	10-12	2+	<b>F</b>
08080	Ceramics Special Studies 1	10-12	2	<b>F</b>
08090	Ceramics Special Studies 2	10-12	2	<b>F</b>
08100	Jewelry Design	9-12	2	<b>F</b>
TBD	Jewelry Design Advanced	9-12	2	<b>F</b>
08450	Photography	9-12	2	<b>F</b>
08170	Color Guard	10-12	2+	—
08171	Color Guard 9th SC	9	2	—
08183	Band 9th SCHS	9	4	<b>F</b>
08184	Varsity Band SCHS	10-12	4	<b>F</b>
07075	PE Band	10-12	4	—
08202	Jazz Ensemble	9-12	4	<b>F</b>
08161	Jazz Choir SC	9-12	2+	—
08141	Concert Choir SC	9-12	4	<b>F</b>
08220	Theater Arts	9-12	2	<b>F</b>
08225	Theater Arts Advanced	10-12	2 +	<b>F</b>
22210	Dance Choreography CTE	10-12	2	<b>F</b>
22215	Dance Choreography Adv. CTE	10-12	2	<b>F</b>

Santa Cruz High School 2022-2023 Course Offerings List

Course Number	Course Name	Grade Level	Qrts.	CSU/UC A-G Code
<b>GENERAL EDUCATION</b>				
15111	AVID 9 SC	9	4	<b>G</b>
15121	AVID 10 SC	10	4	<b>G</b>
15131	AVID 11 SC	11	4	<b>G</b>
15141	AVID 12 SC	12	4	<b>G</b>
01111	AP English Lit. & Comp. AVID	12	4	<b>B</b>
01101	AP Eng. Lang. & Comp AVID	11	4	<b>B</b>
05074	Biology AVID	9-12	4	<b>D</b>
02011	World History AVID	10	4	<b>A</b>
15015	Leadership	9-12	4	<b>G</b>
08510	Yearbook SC	9-12	4	—

Course Number	Course Name	Grade Level	Qrts.	CSU/UC A-G Code
<b>CTE PROGRAM</b>				
09510	Automotive and Light Repair	11-12	2 yrs.	—
09513	Bicycle Tech Advanced CTE	9-12	2	<b>G</b>
09512	Bicycle Tech CTE	9-12	2	<b>G</b>
08600	Intro Auto Tech (CTE - Fall)	9-12	2	—
08610	Small Engine Mechanics	9-12	2	—
	(CTE -Spring)			
09430	Video Production CTE	9-12	2	<b>F</b>
TBD	Visual Commercial Art	9-12	2	<b>F</b>
TBD	Visual Commercial Art Advanced	9-12	2	<b>F</b>
09370	Web Design CTE	9-12	2	<b>F</b>
9064	Woodworking 1	9-12	2	<b>G</b>
9066	Woodworking 2	9-12	2	<b>G</b>
<b>OFF CAMPUS CTE COURSES</b>				
See CTE Counselor Sheri Williams to sign up for these classes.				
09532	Biotechnology	Soquel High School 2:00pm-3:00PM		
09182	Culinary Arts CTE	Mission Hill MS 3:30pm-6:30pm		
09032	Health Careers SC CTE	Harbor High School HHS 4th Period (A days)		
09302	Medical Tech SC CTE	Harbor High School HHS 4th Period (A days)		
09522	Fire Science CTE	Natural Bridges HS 6:00pm-8:30pm		
09452	Sports Medicine SC CTE	Soquel High School 2:00pm-3:00pm		
09752	Music Production SC CTE	Scotts Valley High School 1:10pm-3:00pm		
09517	Welding Technology SC CTE	Soquel High School W/F 1-2:30		



## Career and Technical Education Courses

2022-2023 Santa Cruz High School

**Intro to Automotive Technology:** The purpose of this course is to help students develop the skills and related technical knowledge of automotive services necessary to meet job entry requirements with a strong base for growth and continued education within the industry. Students will gain knowledge and experience in sc areas such as: safety and preventive maintenance, engine principles and specifications, lubrication systems, cooling systems, fuel systems, electrical systems, emissions control, transmission and drivelines, braking systems, suspension systems and job skills.

**Automotive and Light Repair:** This 2 year course prepares students for entry-level employment and a variety of advanced training opportunities. Students train through classroom instruction, “hands on” lab activities in the shop, and placement in field positions. Students successfully meeting CTE automotive technicians standards will receive a Certificate of Completion. The skills will be checked off on a Competence Check Sheet composed of National NATEF Auto Tech Cert standards.

**Bicycle Technology:** This course is designed to introduce students to bicycle technology, proper tool use, good work habits and career planning. Bicycle assembly, repair, shop safety, and development of good people skills are all part of the program. Through verbal, hands-on, problem solving, students will be given the opportunity to enhance their understanding of career skills, bicycle mechanics through fun activities with the aid of the bicycle. Meets UC/CSU A-G “D” requirement.

**Bicycle Technology Advanced:** This course is designed to advance students' knowledge of bike building and maintenance and can lead to internship and work experience.

**Woodworking, Cabinetry and Millwork:** This course introduces students to the materials and methods used in woodworking, cabinetry and millwork. Course content includes hand and stationary power tool use and safety, Project design, planning and assembly, joinery and finishing techniques. This is a hands-on class in which students produce a number of projects.

**Advanced Woodworking, Cabinetry and Millwork:** This course builds upon techniques developed in the introductory course in order to refine and advance technical woodworking skills. Students will have the opportunity to design, plan and produce one or more projects of higher and complexity while exploring more intricate design elements.

**Visual and Commercial Art:** Learn how the techniques used in publishing, design and illustration, 3D modeling and animation, product development, branding and logo design. Software used includes Adobe Suite, vector art, brand design, visual design and communication, 2 D and 3 D tools, animation and more. . Eligible for 3 unit's transferable credit for Digital Media 1 from Cabrillo College upon CTE Instructor approval. Meets UC/CSU A-G “F” requirement.

**Advanced Visual and Commercial Arts:** In this course students will learn new skills in photography and exposure and apply skills in 2D and 3D design to create works that are personally and culturally expressive. This course will familiarize the student with photographic equipment, materials, methods and processes. Students will create advanced projects and merge skills to demonstrate fluency in visual communication. Introduction to Visual/Commercial Arts is a prerequisite for this course. Meets UC/CSU A-G “F” requirement

**Video and Animation Intro/Adv, 2D and 3D:** This course prepares students for entry level work in video productions. The class includes: pre-production planning, writing and script editing, on-camera acting, technical work, critical analysis, post-production editing of projects and their presentation to outside audiences. Students learn filmmaking, motion graphics and animation. Meets UC A-G “F” requirement. Articulates with Cabrillo.

**Computer Science:** Introduction to Computer Science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript and Python. This course is the first of a 2-course pathway in computer science. Upon successful completion of this class, students will be prepared to take AP Computer Science

**AP Computer Science:** This course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. Taking the AP class, students will prepare for the AP computer science Exam, which can award college credit.

#### **OFF-CAMPUS CLASSES Options: (Year Long Classes)**

**Students must provide their own transportation to off-campus classes**

**Biotechnology:** A one-year laboratory course that introduces students to the field of biotechnology. The course emphasizes the scientific theory, concepts and techniques used in the field. The course integrates the disciplines of biology, and chemistry. Students are also introduced to the many career options available in biotechnology. @Soquel High, Meets area "D" for UC/CSU.

**Culinary:** This instructional program prepares students with food production, preparation, and service skills for employment in institutional, commercial or independently owned food establishments or other food and hospitality industries. Meets in downtown Santa Cruz once a week, Articulates with Cabrillo

**Fire Science:** This course is an overview of fire technology and includes information on firefighting, hazardous materials, fire prevention and the organizations that provide that service. Various certifications will be offered including CPR, First Aid, and Incident Command. Meets W 6-9pm, and one Sat. per month @ Natural Bridges, Swift Street in Santa Cruz. Students that complete the course with a grade of B or better articulate with Cabrillo.

**Health Careers:** This course provides an overview of the medical field and administrative skills needed to be successful. Students will explore potential career options in the healthcare field. Medical terminology will be emphasized. Class held at Harbor

**IT Essentials:** The goal of this course is to introduce the student to computer hardware and software, as well as operating systems, networking concepts, mobile devices, information technology (IT) security, and troubleshooting. The online course materials will assist you in developing the skills necessary to work as a technician in the field of IT. Articulated with Cabrillo

**Medical Technologies:** This course provides an introduction to scientific concepts, theories and skill development in the healthcare setting for high school students planning on going on to college or advanced training in the healthcare field. Students will participate in a combination of interactive classroom instructions, skill practice, lab activities and clinical rotations in medical facilities. Enrollment or completion of biology recommended. Meets area "G" for UC/CSU requirement.

**Sports Medicine:** Students learn the skills necessary to work within the field of Sports Medicine, Athletic Training and Health Professions caring for physically active individuals. Focus is on functional anatomy, physiology, biomechanics and nutrition; the care and prevention of athletic injuries, therapeutic treatments and rehabilitation exercises. Students will work as a student athletic trainer. Taught at Soquel High High. Meets CSU/UC "D" requirement

**Music Production & Recording Arts @ Scotts Valley HS:** Students explore the many dimensions and careers in the music business in a state-of-the-art recording studio and will learn Apple's Logic 9 software. Students will also learn the theory, and techniques relevant to composing in a commercial song format and will become familiar with standard music industry business practices. Meets UC/CSU "F" requirement.

**Welding:** In this course you will learn Basic Welding, Advanced Welding and Metal Fabrication Skills. This will include MIG and TIG welding, Arc/Stick Electrode Welding and metal fabrications & design. This class will also explore various occupations in the metal fabrication, design and welding industries. Courses: *Welding I & II* • Articulates with Cabrillo W150

**For more information, contact Sheri Williams, CTE Counselor at [swilliams@sccs.net](mailto:swilliams@sccs.net)**

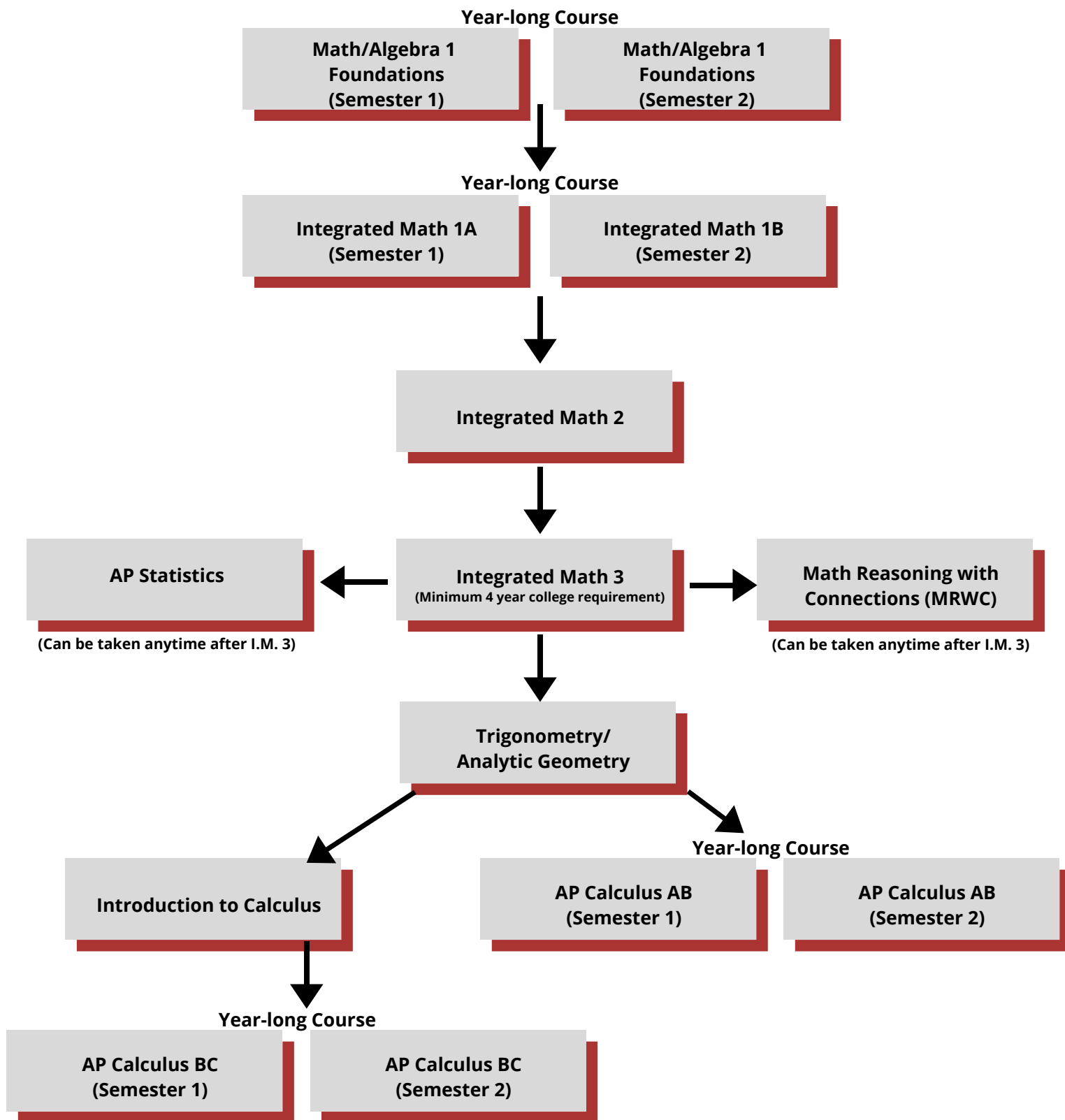


## Santa Cruz High School Recommended Course Prerequisites

English	
Honors & AP	B or higher in previous English class (both terms) or approval of the department
History	
World History Honors	C or higher in English
AP US History	C or higher in World History, B or better in English
Math	
AP Statistics	B or higher in Integrated Math 3 (both terms)
Trigonometry/Analytic Geometry	B or higher in Integrated Math 3 (both terms)
Intro to Calculus	B or higher in Trig./Analytic Geometry (both terms)
AP Computer Science	C or higher in Intro to Computer Science
Science	
AP Biology	B or higher in in Biology & Chemistry Before taking any science elective, students must first pass the three basic classes, Chemistry, Biology and Physics (may be AP physics).
AP Chemistry	C or higher in Biology, Chemistry & Integrated Math 3 (can be concurrent) Before taking any science elective, students must first pass the three basic classes, Chemistry, Biology and Physics (may be AP Physics).
AP Physics 1	C or higher in Integrated Math 3, though trig/analytical geometry is strongly recommended (or the math academy equivalent)
AP Physics 2	AP Physics 1
Physiology Honors	C or higher in Biology & Chemistry Before taking any science elective, students must first pass the three basic classes, Chemistry, Biology and Physics (may be AP Physics).
AP Environmental Science	C or higher in Biology & Chemistry Before taking any science elective, students must first pass the three basic classes, Chemistry, Biology and Physics (may be AP Physics).
Fine Art	
Painting/Advanced Painting	Art
Jazz Choir and Jazz Band	Audition required for incoming students



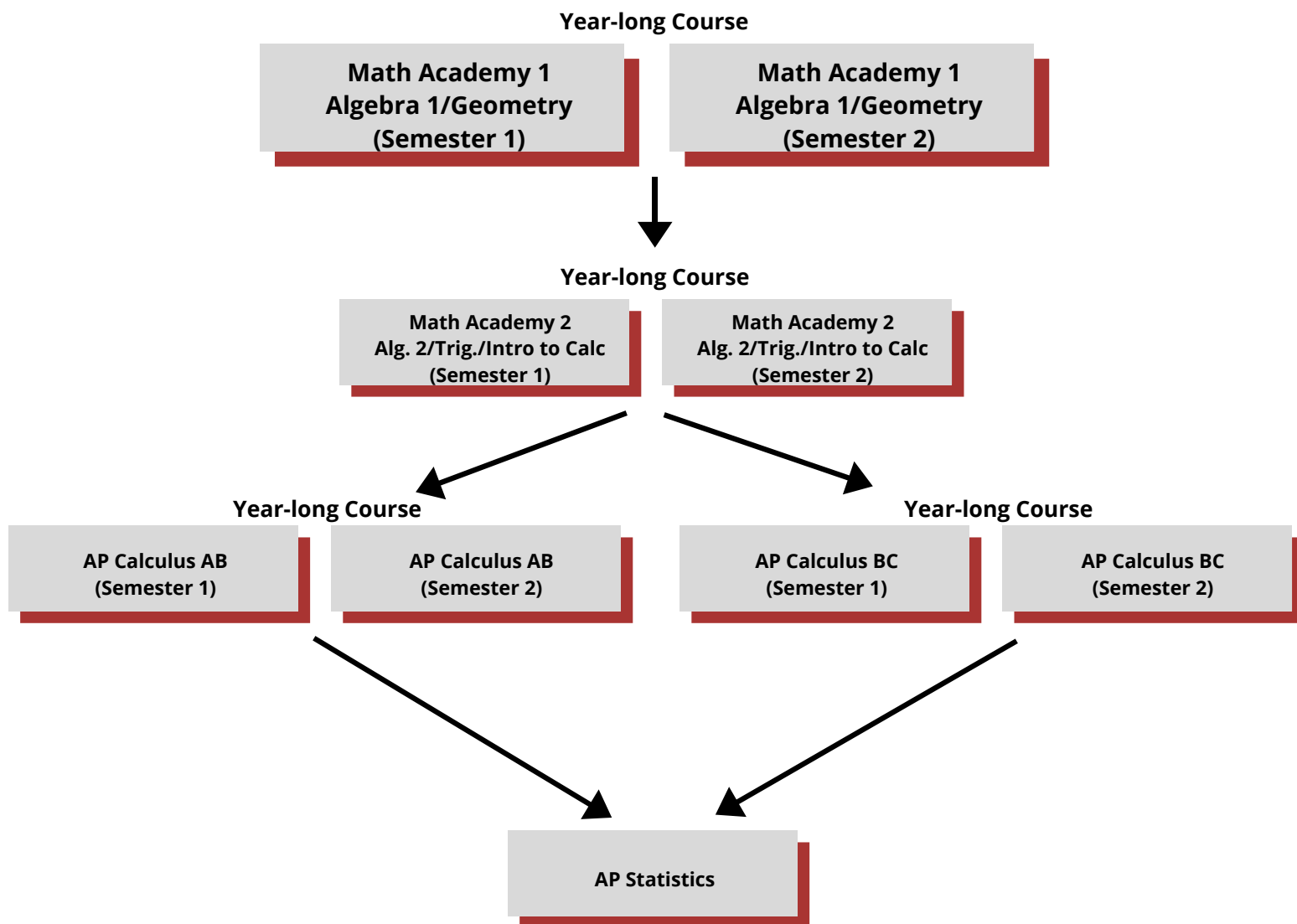
## Math Program Chart



See reverse side for Math Academy



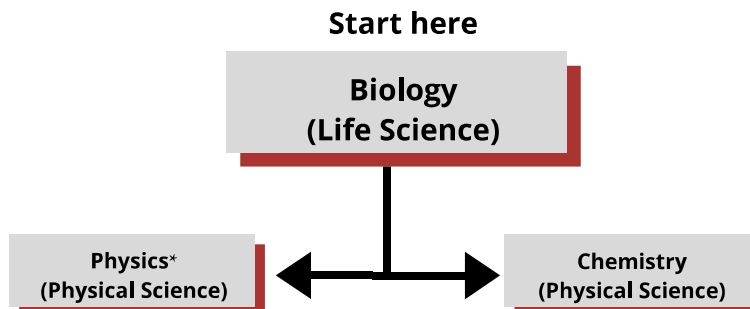
## Math Academy Program Chart







## Science Program Chart



**Students must take Biology, Chemistry and Physics prior to taking science electives.**

**\*AP Physics may be substituted for Physics.**

## Science Electives



## Year-long Course



- One year of Life Science and one year of Physical Science are required for graduation and are the minimal requirements for the UC/CSU System.
- The UC/CSU system strongly recommends that students take Biology, Chemistry, and Physics.



## FAMILY COPY

10<sup>TH</sup> Grade Course Selection Worksheet**\*For Planning Purposes Only - Do not submit this form\***

**Directions:** Review your transcript to help you determine if you are on track to graduate and keep track of your A-G college prep courses. Students may select up to 8 courses a year. Once you have completed this worksheet, use it to enter your course requests into the Google Form.

**Note:** Please keep in mind you are selecting your classes for the entire year. Courses offered are not always guaranteed. Please choose carefully as students may not be able to change classes.

**This worksheet is a planning tool only and will not be turned in. Please keep for your records.**

Check one course for each category			
1. English	<input type="checkbox"/> English 2 <input type="checkbox"/> English 2 Honors		
2. History	<input type="checkbox"/> World History	<input type="checkbox"/> World History Honors	<input type="checkbox"/> AVID 10/World History (Yearlong. Fills two class slots)

Subject	1st Choice Course	Alternate Course
3. Math		
4. Math/Science		
5. Science/World Language		
6. PE/Elective		
7.		
8.		