


Levels	Grade	CTE Courses	English Language Arts	Math	Social Science	Science	Other Required Courses or Recommended Electives	Dual Enrollment	Articulated Courses (College)	 <p>The Academic Senate strongly recommends that high school students take and strive to pass college prep English and mathematics courses all through high school, including four years of progressively more challenging math courses.</p>
		Secondary	9		English 9	Alg 1, Geo, Alg 2	Health	Geo Science Biology	Physical Ed Wrld Lng VAPA	
10	Medical Careers/ Global Health		English 10	Geo, Alg 2, Pre-calc	World Hist, AP Euro Hist	Biology Chemistry	Physical Ed CTE Wrld Lng VAPA			
11	Anatomy & Physiology		English 11	Alg 2, Pre- calc, AP Calc	US Hist AP US Hist	Chem AP Chem Anatomy AP Bio Phys AP Phys	CTE Wrld Lng VAPA			
12	Sports Medicine Or Bio Technology/ Professional Ethics		English 12 ERWC	Pre-calc, AP Calc, Stats	Econ/Gov AP Econ/Gov	Anatomy, Marine Bio, AP Bio, AP Chem AP Phys	CTE Wrld Lng VAPA			

Levels	Grade	AS-T Courses	Additional and Optional Courses	General Education Requirements			Occupations Relating to this Pathway			
		...For completion of AS-T Degree	...For completion of Local AS/AA Degree (total Units)	...For completion of Achievement Certificate (total units)	...For completion of Skills Certificate (total Units)	Area A English Language Communication & Critical Thinking (9 units)	Area B Scientific Study & Quantitative Reasoning with 1 lab (9 units)	Area C Arts & Humanities (9 units)	Careers requiring a high school diploma or equivalent	Careers requiring a BA / BS degree
POST SECONDARY	1 3	Biology- AS-T	Biological Science AA	Nursing AS	Eng Comp	Math	Arts	Massage Therapist First Aid Attendant Medical Aide inpatient Nursing Aide	Medical Transcriptionists Occupational Therapist Sports Trainer Midwife	
		Biol 101, 102- 9 units Chem 101,102- 10 units	BIOL 101,102 CHEM 101,102 Math 101	Biol_112,120, 121, ENGL 101, PSYCH 101, SPCH 101	Oral Communications	Physical Science	Humanities			
		Math 103- 5 units Physics 105 and 106 Or Physics 101 and 102- 8-9 units	Plus additional units in general education	NS 200,201, 202,203,204, 205,208,210, 211,212,213, 214,215,216 OR 220,222, 223	Critical Thinking	Life Science				
		Biol 125, 103 3-4 units	Health Science AA		Area D Social Sciences (9units)	Area E Lifelong Learning & Self Development (3 units)	When course requirements are counted for credit in more than one area, i.e. double counted, students must complete additional transferrable units to result in a cumulative total of 60 units.	Careers requiring some post-secondary	Careers requiring a BA/BS + (beyond the scope of this template)	
Biol 125, 103 3-4 units	Option A: BIOL 115(or 122) 120, Chem 110,120 Option B: Biol 120,121, Chem 110 or 120		US Hist	Psych Comm	Certified Dental Assistant Dental Nurse Orthodontist Assistant Registered Dental Assistant (RDA) Pharmaceutical Laboratory Technician Licensed Nursing Assistant (LNA)	Physician (MD) Psychiatrist (PhD) Chiropractor Nutritionist Dentist				
Plus additional transferable units	+6 units elective		Govt	Recreation Physical Ed Dance				For students interested in attending a UC Campus, be aware that requirements meeting the CSU GE pattern <i>may vary</i> from IGETC GE requirements. Students are encouraged to consult a college counselor for clarification.		
			Econ							
GCC	1 4	Suggested Majors:							Careers requiring 2 year degree	
		Notes:							Nurse Dental Hygienist Ultrasound Technologist	

