

Career Pathway: Science, Math, & Health

Program Description: The Math and Science area of emphasis is designed to provide the student with foundational knowledge and skills in the following areas: the natural sciences, the physical universe, its life forms, and natural phenomena. Students will be provided the opportunity to develop mathematical and quantitative reasoning skills, demonstrate an understanding of science methodologies as investigative tools, and understand the influence scientific knowledge has on society.

Student Name: _____ ID# _____

Counselor: Mark Matteson

Advisor: Domenica Sanchez

Faculty:

*A grade of "C" or higher required for ENG, MATH, COM and all major courses.

Full Time 2-Year Plan	Part Time 4-Year Plan	Course ID	Description	Units	To-Do List	
Semester 1	Semester 1	STUDEV 001	College Success	3	Meet with your Advisor to confirm plans.	
		ENG 001A*	Composition and Reading	3		
		NC 200 (if placement requires)	College Reading and Writing Preparedness	0		Begin research on four-year schools.
	Semester 2	COM 001* or COM 004*	Elements of Speech or Small Group or Dynamics and Presentation	3	Begin research on careers https://vitanavis.com/westhillscollege , https://www.onetonline.org/ and https://jobspeaker.com/ .	
			MATH 016*	Precalculus and Trigonometry		6
			NC 203 (if placement requires)	Precalculus Support		0
				15		
Semester 2	Semester 3	MATH 001A*	Introduction to Calculus	5	Meet with your Counselor to discuss progress.	
		HIST 017A or HIST 017B	History of the US 1492-1877 or History of the US 1865-Present	3		
	Semester 4	CHEM 002A*	Introduction to Chemistry	4	Meet with your Faculty Mentor to discuss program pathway, career options, and finalize classes in semesters 3 & 4.	
		GEOG 001*	Physical Geography	4		
				16		
Semester 3	Semester 5	HUM 001 or PHIL 001	Introduction to Western Culture or Introduction to Philosophy	3	Prepare documentation for college application.	
		GEOG 003	Cultural Geography	3		
		POLSCI 001	American Government	3		
	Semester 6	ENG 003*	Critical Thinking and Writing	3	Apply to four-year schools of choice.	
		PHYSICS 002A*	Mechanics and Thermodynamics	4		
				16		
Semester 4	Semester 7	PSYCH 001 or SOC 001	Introductory Psychology or Introduction to Sociology	3	Petition to Graduate for Liberal Arts Math & Science AA with your Counselor.	
		MATH 025*	Introduction to Statistics	4		
		NC 202 (if placement requires)	Introduction to Statistics Support	0		
	Semester 8	BIO 010 or BIO 015*	Fundamentals of Biology or Biology for Education	3		Meet with faculty mentor and counselor to discuss foreign language options
		ART042 or MUS042	Art Appreciation or Music Appreciation	3		
				13		
Total Program Units				60		

Important:

- This is a recommended course sequence. Classes are subject to change based on the transfer university; check with your counselor to ensure you are enrolled in the correct classes. This does not guarantee admission to transfer institution.
- Summer can be used as an option as well.
- Students are recommended to complete English and Math in their 1st year.
- Completion of this Student Educational Plan does not register you for classes. You must register via Self-Service in your MyWestHills portal.
- You must coordinate your financial aid with the cost of classes above. It is the student's responsibility to ensure the financial aid process is complete in order for financial aid to cover the cost of tuition and fees incurred.
- Students who intend on receiving the Student Success Grant must be enrolled in a minimum of 15 units per semester.
- Students must "Petition to Graduate" with their counselor during their last semester in order to receive their certificate or degree and be eligible to walk in the commencement ceremony.

A grade of "C" or higher is required for ENG, MATH, COM, and all major courses.

Transfer Information:

- Students transferring to the University of California (UC) are required to demonstrate competence in a language other than English. This requirement may be demonstrated through one of the following methods: 1) 2 years of the same foreign language in high school with C-grades or higher, 2) completing formal schooling through 6th grade or higher at an institution where the language of instruction is not English or 3) completing SPAN-002 or higher at WHCC with a grade of C or higher. Please consult with your counselor to see which method works best for you!
- Consult with counselor for minimum transfer GPA, course & major requirements.
- Fall admissions deadline for California State University (CSU) and University of California (UC) institutions is November 30th! Please check individual deadlines for all other universities.
- Apply to CSU at www.calstate.edu/apply. Apply for UC at admission.university.edu.

Student Signature: _____

Date: _____