

Career Pathway: Science, Math, & Health

Program Description: The Associate in Science in Mathematics for Transfer degree prepares students who plan for careers in quantitative professions such as actuarial science, education, computer programming, systems analysis, and operations research analysis.

Student Name: _____ ID# _____

Counselor: Mark Matteson

Advisor: Domenica Sanchez

Faculty:

* A grade of "C" or higher is 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		
	Semester 2	Semester 2	HUM 001 or PHIL 001	Introduction to Western Culture <u>or</u> Introduction to Philosophy	3	Begin research on four-year schools. Begin research on careers https://vitanavis.com/westhillscollege , https://www.onetonline.org/ and https://jobspeaker.com/ .
			MATH 001A	Introduction to Calculus	5	
			STUDEV 002	Career Planning	1	
				15		
Semester 2	Semester 3	MATH 001B	Calculus with Applications	5	Meet with your Counselor to discuss progress.	
		ENG 003*	Critical Thinking and Writing	3		
	Semester 4	Semester 4	PHYSICS 004A	Classical Mechanics	4	Meet with your Faculty Mentor to discuss program pathway, career options, & finalize classes in semesters 3 & 4.
			COM 001* or COM 004*	Elements of Speech <u>or</u> Small Group Dynamics and Presentation	3	
				15		
Semester 3	Semester 5	MATH 002A	Multivariate Calculus	4	Prepare documentation for college application.	
		GEOG 003	Cultural Geography	3		
		POLSCI 001	American Government	3		
	Semester 6	Semester 6	BIO 010 or BIO 015	Fundamentals of Biology <u>or</u> Biology for Education	3	Apply to four-year schools of choice. Begin seeking four-year funding outlets such as scholarships and aid.
			HIST 017A or HIST 017B	History of the US 1492-1877 <u>or</u> History of the US 1865-Present	3	
				16		
Semester 4	Semester 7	MATH025	Introduction to Statistics	4	Petition to Graduate for Mathematics AS-T with your Counselor.	
		ART042 or MUS042	Art Appreciation <u>or</u> Music Appreciation	3		
	Semester 8	Semester 8	MATH 002B	Differential Equations		4
			PSYCH 001 or SOC 001	Introductory Psychology <u>or</u> Introduction to Sociology		3
				14		
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: _____