

**UC Santa Cruz Three Year Pathway: Mathematics Theory and Computation B.S.
2023-2024 Catalog Requirements**

Three year pathways are most appropriate for students who plan a single major, who have satisfied the Entry-Level Writing Requirement before their first quarter, and who are committed to enrolling in Summer Session. Courses listed as “Any X credit class” may be decreased based on AP or other transfer credit.

This is a sample plan. Work with your major advisor to devise a plan that takes into account your transfer credit, interests, and career goals. **Three year plans for Math are only advisable for students that place into calculus.**

Fall, year 1	Winter, year 1	Spring, year 1	Summer, year 1
College Core Course	Writing 2 (C GE)	MATH 21	Math 23B*
MATH 19A or 20A (MF GE)*	MATH 19B or 20B*	Math 23A*	Any 5 credit class
CC General Education Class	ER General Education Class	IM General Education Class	Any 5 credit class
	STEV 26: Navigate University		
Total credits for quarter: 15	Total credits for quarter: 17	Total credits for quarter: 15	Total credits for quarter: 15
Fall, year 2	Winter, year 2	Spring, year 2	Summer, year 2
MATH 24	MATH 152	Upper Division MATH Elective	MATH 110 or 111A or 117
MATH 100 (½ DC GE)	SI General Education Class**	Math 115 or 116 or 134 or 140 or 160	Any 5 credit class
SR General Education Class	Any 5 credit class	PE General Education Class	Any 5 credit class
Total credits for quarter: 15	Total credits for quarter: 15	Total credits for quarter: 15	Total credits for quarter: 15
Fall, year 3	Winter, year 3	Spring, year 3	Summer, year 3
Upper Division MATH Elective	MATH 105A or 103A	MATH 194 (½ DC GE)	Any 5 credit class
TA General Education Class	Upper Division MATH Elective	Math 148/L	Any 5 credit class
Any 5 credit class	Any 5 credit class	Any 5 credit class	
PR General Education Class (2 credit class)			
Total credits for quarter: 17	Total credits for quarter: 15	Total credits for quarter: 16	Total credits for quarter:10
			Total credits in plan: 181***

*Several courses in this plan carry the MF GE designation.

**There are upper division math electives that may satisfy this GE requirement. If you satisfy this through a major course, you may instead include a different 5 credit class.

***Total credit count includes the 1-unit Orientation Course taken the summer before the start of year 1

The following general education requirements will be satisfied with required courses in Mathematics Theory and Computation B.S.: MF, DC.