Mathematics Program's Recommended Course Sequence 2020 - 2021 Catalog Year

San Diego Miramar College

The following is a suggested two and a half year course sequence recommended by the department faculty. Note that pre-requisites for courses are not included in this plan, and it is always advisable to meet with a counselor to ensure you are meeting all current requirements.

Associate of Science Degree for Transfer – Mathematics (for transfer to CSU campuses)

First Year

Fall Term		Units	Spring Term		Units	Summer Term	Units
MATH 104	Trigonometry	3.0	MATH 141	Pre-Calculus	5.0		
CSU GE	Area A2-Written Communication	3.0	CSU GE	Area A3-Critical Thinking	3.0		
CSU GE	Area B1-Physical Science	3.0	CSU GE	Area B2- Life Science	3.0		
CSU GE	Area B3-Laboratory Activity	1.0	CSU GE	Area C1-Arts	3.0		
CSU GE	Area E-Lifelong Learning & Self-Development	3.0					
	Total Units	13.0		*Total Units*	14.0	*Total Units*	0.0

Second Year

Fall Term		Units	Spring Term		Units	Summer Term	Units
MATH 150	Calculus/Analytic Geometry I	5.0	MATH 151	Calculus/Analytic Geometry II	4.0		
CSU GE	Area A1-Oral Communication	3.0	MATH 119	Elementary Statistics	3.0		
CSU GE	Area D-Social Sciences	3.0	CSU GE	Area D-Social Sciences	3.0		
CSU GE	Area C2-Humanities	3.0	CSU GE	Area C1-Arts	3.0		
			or CSU GE	Area C2-Humanities			
	Total Units	14.0		*Total Units*	13.0	*Total Units*	0.0

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Associate of Science Degree for Transfer – Mathematics (for transfer to CSU campuses)

_____Third Year_____

	Fall Term	Units	Spring Term	Units	Summer Term	Units
MATH 252	Calculus/Analytic Geometry III	4.0				
MATH 254	Intro to Linear Algebra	3.0				
CSU GE	Area D-Social Sciences	3.0				
	Total Units	10.0	*Total Units*		*Total Units*	0.0

Notes:
- This course sequence assumes Math and English milestone levels of level 50. Students with milestone levels lower than level 50 will need additional courses.
- This example uses the California State University (CSU) General Breadth Pattern.
- When preparing to transfer, it is important to maintain a strong, competitive grade point average. Therefore, it may be advisable to extend this plan over a longer time-period.
- All students are strongly advised to meet with a counselor to discuss the following:
  - Degree components: units and GPA required, major coursework, general education patterns
  - Applicability of challenge exams, units transferred in from other colleges, and advanced placement (AP) credit
  - Transfer preparation
  - How to alter this course sequence to best fit your specific learning needs and goals