



## Mathematics Program's Recommended Course Sequence 2017-18 Catalog Year

The following is a suggested two-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.

### Mathematics Studies – Associate of Arts Degree (SD MIRAMAR NATIVE GE PATTERN)

#### First Year

Fall Term		Units	Spring Term		Units	Summer Term		Units
MATH 104	Trigonometry	3.0	MATH 141	Pre-Calculus	5.0			
MIRA GE	Area A1-English Composition	3.0	MIRA GE	Area C-Humanities	3.0			
MIRA GE	Area B-Natural Science	3.0	MIRA GE	Area 3-American Institutions	3.0			
HEAL 101	Health & Life-Style	3.0	MIRA GE	Area 5-Exercise Science	1.0			
<i>Total Units</i>		12.0	<i>Total Units</i>		12.0	<i>Total Units</i>		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			
MIRA GE	Area 3-American Institutions	3.0	MAJOR	Major Option*	3.0			
MIRA GE	Area 6-Multicultural Studies	3.0	MIRA GE	Area D-Social Behavioral Sciences	3.0			
MIRA GE	Area 5-Exercise Science	1.0	ELECTIVE	Any Elective	3.0			
<i>Total Units</i>		12.0	<i>Total Units</i>		13.0	<i>Total Units</i>		0.0



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## Mathematics Studies – Associate of Arts Degree (SD MIRAMAR NATIVE GE PATTERN)

### Third Year

Fall Term			Spring Term		Summer Term	
		Units		Units		Units
MATH 252	Calculus/Analytic Geometry III	5.0				
MAJOR	Major Option*	3.0				
ELECTIVE	Any Elective	3.0				
ELECTIVE	A Elective	3.0				
	<i>Total Units</i>	13.0	<i>Total Units</i>	0.0	<i>Total Units</i>	0.0

**Note:**

- This course sequence assumes Math and English placement scores of level 5. Students with placement scores lower than level 5 will need additional courses.
- This example uses the San Diego Miramar College Native General Education Pattern (MIRA GE).
- Courses marked with an asterisk (\*) are major options. Consult the college catalog and make an appointment with a counselor for assistance in selecting the most applicable courses for your specific educational goal.
- 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 credit
  - Transfer preparation
  - How to alter this course sequence to best fit your specific learning needs and goals