



Mathematics Program's Recommended Course Sequence 2018 -19 Catalog Year

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

Third Year

| Fall Term | | | Spring Term | | Summer Term | |
|--------------------|--------------------------------|-------|--------------------|-------|--------------------|-------|
| | | Units | | Units | | Units |
| MATH 252 | Calculus/Analytic Geometry III | 4.0 | | | | |
| MAJOR | Major Option* | 3.0 | | | | |
| ELECTIVE | Elective | 3.0 | | | | |
| ELECTIVE | Elective | 3.0 | | | | |
| <i>Total Units</i> | | 12.0 | <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