

Mathematics Program’s

Recommended Course Sequence

2020 - 2021 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 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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**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_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