



**Program Requirements:**

"Program Requirements" specify the courses required for this program. See suggested course sequence for additional information.

### Suggested Course Sequence

The "Suggested Course Sequence" is an example of how to complete the requirements plus any additional general education that may be needed. If you would like to create a personalized Student Education Plan (SEP), schedule a meeting with a counselor.

**This suggested plan assumes a student is eligible for MATH 181.**

#### FALL SEMESTER (YEAR 1)

| Course                            | Title   | Units     |
|-----------------------------------|---|-----------|
| <input type="checkbox"/> ENGL 101 | Freshman Composition: Exposition  | 4         |
| <input type="checkbox"/> MATH 181 | Calculus 1  | 4         |
| <input type="checkbox"/> STEM 100 | Success Strategies in Science, Technology, Engineering and Mathematics (STEM) | 1         |
| <input type="checkbox"/> CSU GE   | Area C1 or C2 Arts or Humanities Course                                       | 3         |
| <b>Total Units</b>                |   | <b>12</b> |

#### Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library and tutoring
- Get involved with STEM
- Review Financial Aid Requirements
- Apply AHC Scholarship
- Apply for MESA/STEM
- Engage w/STEM Tutors

#### SPRING SEMESTER (YEAR 1)

| Course                            | Title                  | Units      |
|-----------------------------------|------------------------|------------|
| <input type="checkbox"/> MATH 182 | Calculus 2             | 4          |
| <input type="checkbox"/> ELECTIVE | MAJOR ELECTIVE         | 3+         |
| <input type="checkbox"/> CSU GE   | Area C1: Arts          | 3          |
| <input type="checkbox"/> CSU GE   | Area F: Ethnic Studies | 3          |
| <b>Total Units</b>                |                        | <b>13+</b> |

#### Tasks:

- Meet with a STEM Counselor
- Set up Jobspeaker
- Attend Career Exploration Day
- Apply for STEM Internships
- Apply for STEM Scholarships
- Engage w/STEM Tutors
- FAFSA or Dream Act due March 2
- Apply AHC Scholarship
- Attend a Transfer Workshop
- Get involved with STEM

#### SUMMER SEMESTER (YEAR 2)

| Course                          | Title  | Units    |
|---------------------------------|--|----------|
| <input type="checkbox"/> CSU GE | Area A3: Critical Thinking                     | 3        |
| <input type="checkbox"/> CSU GE | Area E: Lifelong Learning and Self Development | 3        |
| <b>Total Units</b>              |  | <b>6</b> |

#### FALL SEMESTER (YEAR 2)

| Course                            | Title                       | Units     |
|-----------------------------------|-----------------------------|-----------|
| <input type="checkbox"/> MATH 183 | Multivariable Calculus      | 4         |
| <input type="checkbox"/> CSU GE   | Area A1: Oral Communication | 3         |
| <input type="checkbox"/> CSU GE   | Area C2: Humanities         | 3         |
| <input type="checkbox"/> CSU GE   | Area B1: Physical Science   | 3         |
| <b>Total Units</b>                |                             | <b>13</b> |

#### Tasks:

- Meet with a STEM Counselor
- Develop Resume at Career Center
- Apply for University Transfer
- Engage w/STEM Tutors
- Review Financial Aid Requirements
- Apply for AHC Scholarship
- Get involved with STEM

#### SPRING SEMESTER (YEAR 2)

| Course                            | Title                                 | Units      |
|-----------------------------------|---------------------------------------|------------|
| <input type="checkbox"/> MATH 184 | Linear Algebra/Differential Equations | 5          |
| <input type="checkbox"/> CSU GE   | Area B2: Life Science                 | 3          |
| <input type="checkbox"/> CSU GE   | Area D: Social Sciences               | 3          |
| <input type="checkbox"/> CSU GE   | Area D: Social Sciences               | 3          |
| <b>Total Units</b>                |                                       | <b>14+</b> |

#### Tasks:

- Apply for Degree with Counseling
- Utilize Job Search Resources
- Complete: Transfer next steps
- Apply for STEM Internships
- Get involved with STEM
- Complete FAFSA or Dream Act by March 2
- Attend Job Fair/Career Exploration Day
- Apply for STEM Scholarships



# Mathematics

## Associate in Science for Transfer (using CSU GE)

- Engage w/STEM Tutors