

A major of 36 units is required for the degree.

COURSE	TITLE	UNITS
<input type="checkbox"/> CHEM 150	General Chemistry 1	5
<input type="checkbox"/> CHEM 151	General Chemistry 2	5
<input type="checkbox"/> CHEM 180	Organic Chemistry 1	5
<input type="checkbox"/> CHEM 181	Organic Chemistry 2	5
<input type="checkbox"/> MATH 181	Calculus 1	4
<input type="checkbox"/> MATH 182	Calculus 2	4
<input type="checkbox"/> PHYS 161	Engineering Physics 1	4
<input type="checkbox"/> PHYS 163	Engineering Physics 3	4

General Education

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, CHEM 150 and PHYS 161.

FALL SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> CHEM 150	General Chemistry 1	5
<input type="checkbox"/> ENGL 101	Freshman Composition: Exposition	4
<input type="checkbox"/> MATH 181	Calculus 1	4
Total Units		13

Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library & tutoring
- Get involved with STEM
- Review Financial Aid Req.
- 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"/> CHEM 151	General Chemistry 2	5
<input type="checkbox"/> PHYS 161	Engineering Physics 1	4
<input type="checkbox"/> STEM 100	Success Strategies in Science, Technology, Engineering and Mathematics (STEM)	1
Total Units		14

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
- Complete the FAFSA or Dream Act by 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
Total Units		6

Tasks

FALL SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> PHYS 163	Engineering Physics 3	4
<input type="checkbox"/> CHEM 180	Organic Chemistry 1	5
<input type="checkbox"/> CSU GE	Area A1: Oral Communication	3
<input type="checkbox"/> CSU GE	Area C2: Humanities	3
Total Units		15

Tasks:

- Meet with a STEM Counselor
- **Apply for University Transfer**
- Develop Resume at Career Center
- 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"/> CHEM 181	Organic Chemistry 2	5
<input type="checkbox"/> CSU GE	Area B2: Life Science	3
<input type="checkbox"/> CSU GE	Area F: Ethnic Studies	3
<input type="checkbox"/> CSU GE	Area C1: Arts	3
<input type="checkbox"/> CSU GE	Area D: Social Sciences	3
Total Units		17

Tasks:

- Apply for Degree with Counseling
- **Complete: Transfer next steps**
- Utilize Job Search Resources
- 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

- Engage w/STEM Tutors