

## Program Requirements:

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

**A total of 18 major units is required for the major with a minimum of one course in biological science, one course in physical science and one course in mathematics. Biological Sciences**

COURSE	TITLE	UNITS
<input type="checkbox"/> ANTH 101	Introduction to Biological Anthropology	3
<input type="checkbox"/> ANTH 110	Biological Anthropology Lab	1
<input type="checkbox"/> BIOL 100	Introductory Biology	4
<input type="checkbox"/> BIOL 120	Humans and the Environment	3
<input type="checkbox"/> BIOL 124	Human Anatomy	4
<input type="checkbox"/> BIOL 125	Human Physiology	4
<input type="checkbox"/> BIOL 128	Microbiology	4
<input type="checkbox"/> BIOL 132	Marine Biology	4
<input type="checkbox"/> BIOL 150	Cellular Biology	5
<input type="checkbox"/> BIOL 154	General Botany	5
<input type="checkbox"/> BIOL 155	General Zoology	5

<input type="checkbox"/> GEOL 141	Environmental Geology	3
<input type="checkbox"/> GEOL 131	Geology Of California	3
<input type="checkbox"/> PHSC 111	Matter, Energy and Molecules	4
<input type="checkbox"/> PHSC 112	Earth and the Universe	4
<input type="checkbox"/> PHYS 100	Concepts In Physics	3
<input type="checkbox"/> PHYS 110	Introductory Physics	3
<input type="checkbox"/> PHYS 141	General Physics 1	4
<input type="checkbox"/> PHYS 142	General Physics 2	4
<input type="checkbox"/> PHYS 161	Engineering Physics 1	4
<input type="checkbox"/> PHYS 162	Engineering Physics 2	4
<input type="checkbox"/> PHYS 163	Engineering Physics 3	4

## Mathematics

COURSE	TITLE	UNITS
<input type="checkbox"/> MATH 100	Nature of Modern Mathematics	3
<input type="checkbox"/> MATH 105	Mathematics for Teachers	4
<input type="checkbox"/> MATH 121	Trigonometry	3
<input type="checkbox"/> MATH 123	Elementary Statistics	4
<input type="checkbox"/> MATH 131	College Algebra	3
<input type="checkbox"/> MATH 135	Calculus with Applications	4
<input type="checkbox"/> MATH 141	Precalculus	6
<input type="checkbox"/> MATH 181	Calculus 1	4
<input type="checkbox"/> MATH 182	Calculus 2	4
<input type="checkbox"/> MATH 183	Multivariable Calculus	4
<input type="checkbox"/> MATH 184	Linear Algebra/Differential Equations	5

## Physical Science

COURSE	TITLE	UNITS
<input type="checkbox"/> ASTR 100	Elementary Astronomy	3
<input type="checkbox"/> CHEM 110	Chemistry and Society	4
<input type="checkbox"/> CHEM 120	Introductory Chemistry	4
<input type="checkbox"/> CHEM 150	General Chemistry 1	5
<input type="checkbox"/> CHEM 151	General Chemistry 2	5
<input type="checkbox"/> GEOG 101	Physical Geography	3
<input type="checkbox"/> GEOL 100	Physical Geology	4
<input type="checkbox"/> GEOL 114	Oceanography	3

## 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.

### FALL SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> ENGL 101	Freshman Composition: Exposition	4
<input type="checkbox"/> elective	physical science elective	3-4
<input type="checkbox"/> CSU GE	Area C1: Arts	3
<input type="checkbox"/> CSU GE	Area D: Social Sciences	3
<b>Total Units</b>		13-14

#### Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library & tutoring
- Review Financial Aid Req.
- Apply AHC Scholarship

### SPRING SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> elective	biological science elective	3-4
<input type="checkbox"/> elective	mathematics elective	3-4
<input type="checkbox"/> elective	major elective	3-4
<input type="checkbox"/> CSU GE	Area A1: Oral Communication	3
<b>Total Units</b>		12-15

#### Tasks:

- Set up Jobspeaker
- Attend Career Exploration Day
- Attend a Transfer Workshop
- Complete the FAFSA or Dream Act by March 2
- Apply AHC Scholarship

### FALL SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> elective	major elective	3-4
<input type="checkbox"/> CSU GE	Area A3: Critical Thinking	3
<input type="checkbox"/> CSU GE	Area C2: Humanities	3
<input type="checkbox"/> CSU GE	Area D: Social Sciences	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<b>Total Units</b>		15-17

#### Tasks:

- Meet with a Transfer Counselor
- Develop Resume at Career Center
- Apply for University Transfer
- Review Financial Aid Requirements
- Apply for AHC Scholarship

### SPRING SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> elective	major elective	3-4
<input type="checkbox"/> CSU GE	Area C1 or C2 Arts or Humanities Course	3
<input type="checkbox"/> CSU GE	Area F: Ethnic Studies	3
<input type="checkbox"/> CSU GE	Area E: Lifelong Learning and Self Development	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<b>Total Units</b>		15-17

#### Tasks:

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