

**A major of 30 units is required for the associate in arts degree. Required core courses (30 units):**

<b>COURSE</b>	<b>TITLE</b>	<b>UNITS</b>
<input type="checkbox"/> CHEM 150	General Chemistry 1	5
<input type="checkbox"/> CHEM 151	General 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 162	Engineering Physics 2	4
<input type="checkbox"/> PHYS 163	Engineering Physics 3	4

**Recommended electives:**

<b>COURSE</b>	<b>TITLE</b>	<b>UNITS</b>
<input type="checkbox"/> MATH 183	Multivariable Calculus	4
<input type="checkbox"/> MATH 184	Linear Algebra/Differential Equations	5

## 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, PHYS 161 and CHEM 150.**

### FALL SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> ENGL 101	Freshman Composition: Exposition	4
<input type="checkbox"/> CHEM 150	General Chemistry 1	5
<input type="checkbox"/> MATH 181	Calculus 1	4
<input type="checkbox"/> STEM 100	Success Strategies in Science, Technology, Engineering and Mathematics (STEM)	1

**Total Units** 14

#### Tasks:

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

### SPRING SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> CHEM 151	General Chemistry 2	5
<input type="checkbox"/> MATH 182	Calculus 2	4
<input type="checkbox"/> PHYS 161	Engineering Physics 1	4
<input type="checkbox"/> PHYS 161	Engineering Physics 1	4
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3

**Total Units** 13

#### Tasks:

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

### SUMMER SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> AHC GE REQ	Area 4B: United States History and Government	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3

**Total Units** 6

### FALL SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> PHYS 163	Engineering Physics 3	4
<input type="checkbox"/> AHC GE REQ	Area 4A: Social and Behavioral Sciences	3
<input type="checkbox"/> AHC GE REQ	Area 3: Arts and Humanities	3
<input type="checkbox"/> HED 100	Social and Personal Health and Wellness	3

**Total Units** 13

#### Tasks:

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

### SPRING SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> PHYS 162	Engineering Physics 2	4
<input type="checkbox"/> AHC GE REQ	Area 5: Natural Science	3-4
<input type="checkbox"/> AHC Grad Req	Dance or Physical Activity	.5-3
<input type="checkbox"/> AHC GE Req	Area 6: Ethnic Studies	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3

**Total Units** 14

#### Tasks:

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