

**Program Requirements:**

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

**A major of 18 units is required for the degree.**

**Required core courses (12 units):**

<b>COURSE</b>	<b>TITLE</b>	<b>UNITS</b>
<input type="checkbox"/> CS 111	Fundamentals of Programming 1	4
<input type="checkbox"/> CS 112	Fundamentals of Programming 2	4
<input type="checkbox"/> MATH 181	Calculus 1	4

**Plus a minimum of 6 units selected from the following:**

<b>COURSE</b>	<b>TITLE</b>	<b>UNITS</b>
<input type="checkbox"/> CS 102	Introduction to Computing with HTML	3
<input type="checkbox"/> CS 131	Computer Organization	3
<input type="checkbox"/> CS 161	Discrete Structures	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.

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

### FALL SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> CS 111	Fundamentals of Programming 1	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"/> ENGL 101	Freshman Composition: Exposition	4
<b>Total Units</b>		<b>13</b>

#### Tasks:

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

### SPRING SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> CS 112	Fundamentals of Programming 2	4
<input type="checkbox"/> HED 100	Health and Wellness	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<input type="checkbox"/> AHC GE REQ	Category 2B: American History or Government	3
<b>Total Units</b>		<b>13+</b>

#### Tasks:

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

### SUMMER SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> AHC Grad Req	Dance or Physical Activity	.5-3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<b>Total Units</b>		<b>4+</b>

### FALL SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> CS 131	Computer Organization	3
<input type="checkbox"/> AHC GE REQ	Category 3: Humanities	3
<input type="checkbox"/> AHC Grad Req	Multicultural and Gender Studies	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<b>Total Units</b>		<b>14+</b>

### SPRING SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> CS 161	Discrete Structures	3
<input type="checkbox"/> AHC GE REQ	Category 1: Natural Science	3-4
<input type="checkbox"/> AHC GE REQ	Category 2A: Social Sciences	3
<input type="checkbox"/> AHC GE REQ	Category 2A: Social Sciences	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<b>Total Units</b>		<b>14+</b>

#### Tasks:

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