

Biology - AS

| Semester                    | Course                      | Title  | Units     |
|-----------------------------|-----------------------------|--|-----------|
| 1                           | ENGL 101                    | Freshman Composition                         | 4         |
|                             | MATH 103                    | Plane Trigonometry                           | 4         |
|                             | CHEM 101                    | Intro to Chemistry                           | 4         |
|                             |                             | CHCGE Area E HEALTH AND WELLNESS             | 2         |
|                             |                             | CHCGE Area C2 ARTS                           | 1         |
| <b>Total Semester Units</b> |                             |  | <b>15</b> |
| 2                           | BIOL 130                    | Cell and Molecular Biology                   | 4         |
|                             | CHEM 150                    | General Chemistry I                          | 5         |
|                             |                             | CHCGE Area C1 HUMANITIES                     | 3         |
|                             |                             | CHCGE Area D2 COMMUNICATION/SOCIAL DISCOURSE | 3         |
|                             | <b>Total Semester Units</b> |  |           |
| 3                           | PHYSIC 110                  | General Physics I                            | 4         |
|                             | CHEM 151                    | General Chemistry I                          | 5         |
|                             |                             | CHC DEGREE APPLICABLE ELECTIVE               | 3         |
|                             |                             | CHCGE Area F1 DIVERSITY AND MULTICULTURALISM | 3         |
|                             | <b>Total Semester Units</b> |  |           |
| 4                           | PHYSIC 111                  | General Physics II                           | 4         |
|                             | BIOL 131                    | Populations and Organisms                    | 4         |
|                             |                             | CHCGE Area B SOCIAL AND BEHAVIORAL SCIENCE   | 3         |
|                             |                             | CHCGE Area F2 AMERICAN HERITAGE              | 3         |
|                             |                             | CHC DEGREE APPLICABLE ELECTIVE               | 3         |
| <b>Total Semester Units</b> |                             |  | <b>17</b> |
| <b>Total Units</b>          |                             |  | <b>62</b> |

MATH 103 is PHYSIC 110 Prerequisite  
 Students may Challenge Chem 101 prerequisite to be eligible for Chem 150. Visit the Test Center for more information.

CHCGE C2 ARTS courses vary from 1 - 3 UNITS

NOTE: *PHYSIC 111* : Students may substitute *PHYSIC 250-251-252* in lieu of *PHYSIC 110-111*. See Counselor for details.

Students wishing to earn an A.S. with an emphasis in either Anatomy and Physiology or Microbiology must also complete:

**Emphasis in Anatomy and Physiology:** \_\_\_\_\_

[ANAT 150](#)

[ANAT 151](#)

**Emphasis in Microbiology:** \_\_\_\_\_

MICRO 150

or

MICRO 102 and MICRO 247A or 248A \_\_\_\_\_