**Description:** This is a suggested program of study which may be altered to meet individual goals and transfer plans. Students should refer to the description of Alpena Community College graduation requirements and AS degree distribution requirements and consult with an academic advisor concerning specific course selection. A minimum total of 60 credits is required for the Associate in Science degree.

**General Education Requirements**  
**Credits:** 31  
ENG 111 or ENG 121  
**English Composition I (3/3) or Advanced English Composition I (3/3)**  
ENG 112 or ENG 122  
**English Composition II (3/3) or Advanced English Composition II (3/3)**  
MTH 131  
**Analytic Geometry & Calculus (5/5)**  
ECN 231  
**Economics (Micro) (3/3)**  
PSY 101 or SOC 123  
**General Psychology (3/3) or Introduction to Sociology (3/3)**  
SPE 121 or SPE 123  
**Speech Communication (3/3) or Public Communication (3/3)**  
**Humanities/Fine Arts (200 Level) Elective (3/4)**  
BIO 114 or BIO 210  
**Introduction to Biological Science (4/5) or Introduction to Botany (4/5)**  
CEM 121  
**General & Inorganic Chemistry (4/7)**  
**Core Program Requirements**  
**Credits:** 26  
BIO 227  
**Microbiology (4/6)**  
CEM 122  
**Inorganic Chem & Qualitative Analysis (4/7)**  
CEM 221  
**Organic Chemistry (4/6)**  
CEM 222  
**Organic Chemistry (4/6)**  
HST 221  
**U.S. History (3/3)**  
HST 222  
**U.S. History (3/3)**  
MTH 223  
**Statistical Methods (4/4)**  
**Suggested Electives**  
**Credits:** 3  
Electives will change depending on area of concentration and the specific four-year transfer institution’s requirements. Consult your ACC academic advisor.

**Minimum 61 Credit Hours/75 Contact Hours**