BIOLOGY
ASSOCIATE IN SCIENCE (AS) DEGREE

DESCRIPTION: This is a suggested program of study for students seeking a degree in one of the many fields of biology which may be altered to meet individual goals and transfer plans. Students should refer to the descriptions of Alpena Community College graduation requirements and 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 COURSES

CREDITS: 22
ENG 111 or ENGLISH COMPOSITION I (3/3) or
ENG 121 or ADVANCED ENGLISH COMPOSITION I (3/3)
ENG 112 or ENGLISH COMPOSITION II (3/3) or
ENG 122 or ADVANCED ENGLISH COMPOSITION II (3/3)
HUM or HUMANITIES ELECTIVES (6/6)
MTH 123 or COLLEGE ALGEBRA & ANALYTIC TRIG (4/4)
PLS 221 or AMERICAN GOVERNMENT REQUIREMENT (3-6/3-6)
PLS 222 or
HST 221 & HST 222
SOC or SOCIAL SCIENCE ELECTIVE (3/3)

CORE PROGRAM REQUIREMENTS

CREDITS: 38
BIO 161 or GENERAL COLLEGE BIOLOGY I (4/5)
BIO 162 or GENERAL COLLEGE BIOLOGY II (4/5)
CEM 121 or GENERAL & INORGANIC CHEMISTRY (4/7)
CEM 122 or INORGANIC CHEMISTRY & QUALITATIVE ANALYSIS (4/7)
CEM 221 or ORGANIC CHEMISTRY (5/7)
CEM 222 or ORGANIC CHEMISTRY (5/7)
MTH 223 or STATISTICAL METHODS (4/4) A
PHY 121 or GENERAL COLLEGE PHYSICS (4/6)
PHY 122 or GENERAL COLLEGE PHYSICS (4/6)

MINIMUM 60 CREDIT HOURS/76 CONTACT HOURS

NOTES:
A May substitute MTH 131