CHEMISTRY
ASSOCIATE IN SCIENCE (AS) DEGREE

DESCRIPTION: This is a suggested program of study 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 REQUIREMENTS CREDITS: 29-33
ENG 111 or ENGLISH COMPOSITION I (3/3) or
ENG 121 ADVANCED ENGLISH COMPOSITION I (3/3)
ENG 112 or ENGLISH COMPOSITION II (3/3) or
ENG 122 ADVANCED ENGLISH COMPOSITION II (3/3)
MTH 131 ANALYTIC GEOMETRY & CALCULUS I (5/5)
PLS 221 or AMERICAN GOVERNMENT REQUIREMENT (3-6/3-6)
PLS 222 or
HST 221 & HST 222
SPE 121 SPEECH COMMUNICATION (3/3)
CEM 121 GENERAL & INORGANIC CHEMISTRY (4/7)
PHY 221 PHYSICS (5/7)

CORE PROGRAM REQUIREMENTS CREDITS: 32
CEM 122 INORGANIC CHEMISTRY & QUALITATIVE ANALYSIS (4/7)
CEM 221 ORGANIC CHEMISTRY (5/7)
CEM 222 ORGANIC CHEMISTRY (5/7)
MTH 132 ANALYTICAL GEOMETRY & CALCULUS II (5/5)
MTH 231 ANALYTICAL GEOMETRY & CALCULUS III (5/5)
MTH 232 DIFFERENTIAL EQUATIONS (4/4)
PHY 222 PHYSICS (5/7)

MINIMUM 61 CREDIT HOURS/76 CONTACT HOURS

NOTE: A total of 10 semester credits are required in combination with Group III/Social Sciences and Group IV/Humanities/Fine Arts with a minimum of three credits from each group. Political Science or U.S. History courses used to satisfy the American Government Requirement can be included.