

PRE-DENTAL OR PRE-MEDICINE

ASSOCIATE IN SCIENCE (AS) DEGREE

DESCRIPTION: This is a suggested program of study which may be altered to meet individual goals and transfer plans. It is suitable for students interested in pre-dental or pre-medical studies. 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: 28

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 ANALYTICAL GEOMETRY & CALCULUS I (5/5)

PLS 221 *or* AMERICAN GOVERNMENT REQUIREMENT (3/3)
PLS 222 *or*
HST 221 & HST 222

HUMANITIES/FINE ARTS REQUIREMENT (3/4)
HUMANITIES/FINE ARTS/SOCIAL SCI REQ (3/4)

BIO 210 INTRODUCTION TO BOTANY (4/6)
CEM 121 GENERAL & INORGANIC CHEMISTRY (4/7)

CORE PROGRAM REQUIREMENTS CREDITS: 28

BIO 211 GENERAL ZOOLOGY (4/5)
CEM 122 INORGANIC CHEMISTRY & QUALITATIVE ANALYSIS (4/7)
CEM 221 ORGANIC CHEMISTRY (4/6)
CEM 222 ORGANIC CHEMISTRY (4/6)
MTH 223 STATISTICAL METHODS (4/4)
PHY 121 GENERAL COLLEGE PHYSICS (4/6)
PHY 122 GENERAL COLLEGE PHYSICS (4/6)

SUGGESTED ELECTIVES CREDITS: 4

Electives will change depending on area of concentration and the specific four-year transfer institution's requirements. Consult your ACC academic advisor.

MINIMUM 60 CREDIT HOURS/79 CONTACT HOURS

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SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEMESTER) CREDITS 11

ENG 111 *or* ENGLISH COMPOSITION I (3/3) *or*
ENG 121 ADVANCED ENGLISH COMPOSITION I (3/3)

BIO 210 INTRODUCTION TO BOTANY (4/6)
CEM 121 GENERAL & INORGANIC CHEMISTRY (4/7)

YEAR 1 (SPRING SEMESTER) CREDITS: 16

ENG 112 *or* ENGLISH COMPOSITION II (3/3) *or*
ENG 122 ADVANCED ENGLISH COMPOSITION II (3/3)

BIO 211 GENERAL ZOOLOGY (4/5)
CEM 122 INORGANIC CHEM & QUALITATIVE ANALYSIS (4/7)
MTH 131 ANALYTICAL GEOMETRY & CALCULUS I (5/5)

YEAR 2 (FALL SEMESTER) CREDITS: 14

CEM 221 ORGANIC CHEMISTRY (4/6)
PHY 121 GENERAL COLLEGE PHYSICS (4/6)

PLS 221 *or* AMERICAN GOVERNMENT REQUIREMENT (3/3)
PLS 222 *or*
HST 221 & HST 222

HUMANITIES/FINE ARTS REQUIREMENT (3/4)

YEAR 2 (SPRING SEMESTER) CREDITS: 15

CEM 122 INORGANIC CHEMISTRY & QUALITATIVE ANALYSIS (4/7)
MTH 223 STATISTICAL METHODS (4/4)
PHY 122 GENERAL COLLEGE PHYSICS (4/6)
HUMANITIES/FINE ARTS/SOCIAL SCI REQ (3/4)