

# PRE-MEDICAL TECHNOLOGY

## 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 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: 23

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 122 PLANE TRIGONOMETRY (3/3)

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

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

CEM 121 GENERAL & INORGANIC CHEMISTRY (4/7)  
BIO 210 INTRODUCTION TO BOTANY (4/5)

### CORE PROGRAM REQUIREMENTS CREDITS: 32

BIO 201 HUMAN ANATOMY (4/5)  
BIO 211 GENERAL ZOOLOGY (4/5)  
CEM 122 GENERAL & INORGANIC CHEMISTRY (4/7)  
CEM 221 ORGANIC CHEMISTRY (4/6)  
CEM 222 ORGANIC CHEMISTRY (4/6)  
MTH 123 COLLEGE ALGEBRA (4/4)  
PHY 121 GENERAL COLLEGE PHYSICS (4/6)  
PHY 122 GENERAL COLLEGE PHYSICS (4/6)

### SUGGESTED ELECTIVES CREDITS: 6

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/79 CONTACT HOURS

#### NOTES:

See information on cooperative 2+2 program in Medical Technology with Ferris State University.

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### SUGGESTED SEQUENCE OF COURSES

#### YEAR 1 (FALL SEMESTER) CREDITS: 14

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

CEM 121 GENERAL & INORGANIC CHEMISTRY (4/7)  
BIO 210 INTRODUCTION TO BOTANY (4/6)  
MTH 122 PLANE TRIGONOMETRY (3/3)

#### YEAR 1 (SPRING SEMESTER) CREDITS: 15

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

MTH 123 COLLEGE ALGEBRA (4/4)  
BIO 211 GENERAL ZOOLOGY (4/5)  
CEM 122 GENERAL & INORGANIC CHEMISTRY (4/7)

#### YEAR 2 (FALL SEMESTER) CREDITS: 15

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

BIO 201 HUMAN ANATOMY (4/5)  
CEM 221 ORGANIC CHEMISTRY (4/6)  
PHY 121 GENERAL COLLEGE PHYSICS (4/6)

#### YEAR 2 (SPRING SEMESTER) CREDITS: 17

CEM 222 ORGANIC CHEMISTRY (4/6)  
PHY 122 GENERAL COLLEGE PHYSICS (4/6)  
HUMANITIES/FINE ARTS/SOCIAL SCI REQ (3/4)  
ELECTIVE (6/6)