

PRE-VETERINARY

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: 31

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| ENG 111 <i>or</i> ENG 121 | ENGLISH COMPOSITION I (3/3) <i>or</i> ADVANCED ENGLISH COMPOSITION I (3/3) |
| ENG 112 <i>or</i> ENG 122 | ENGLISH COMPOSITION II (3/3) <i>or</i> ADVANCED ENGLISH COMPOSITION II (3/3) |
| MTH 122 | PLANE TRIGONOMETRY (3/3) |
| PLS 221 <i>or</i> PLS 222 <i>or</i> HST 221 & HST 222 | AMERICAN GOVERNMENT REQUIREMENT (3/3) |
| | HUMANITIES/FINE ARTS/SOCIAL SCI ELECTIVE (3/4) HUMANITIES/FINE ARTS REQUIREMENT (3/4) |
| BIO 114 CEM 121 | INTRO TO BIOLOGICAL SCIENCE (4/5) GENERAL & INORGANIC CHEMISTRY (4/7) |

CORE PROGRAM REQUIREMENTS CREDITS: 36

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| BIO 201 | HUMAN ANATOMY (4/5) |
| BIO 211 | GENERAL ZOOLOGY (4/5) |
| 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) |
| MTH 123 | COLLEGE ALGEBRA & ANALYTIC TRIGONOMETRY (4/4) |
| PHY 121 | GENERAL COLLEGE PHYSICS (4/6) |
| PHY 122 | GENERAL COLLEGE PHYSICS (4/6) |

SUGGESTED ELECTIVES CREDITS:

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

MINIMUM 62 CREDIT HOURS/83 CONTACT HOURS

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ASSOCIATE IN SCIENCE (AS) DEGREE

SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEMESTER) CREDITS: 17

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|-------------------------------|--|
| ENG 111 <i>or</i> ENG 121 | ENGLISH COMPOSITION I (3/3) <i>or</i> ADVANCED ENGLISH COMPOSITION I (3/3) |
| BIO 114 CEM 121 MTH 122 | INTRO TO BIOLOGICAL SCIENCE (4/5) GENERAL & INORGANIC CHEMISTRY (4/7) PLANE TRIGONOMETRY (3/3) HUMANITIES/FINE ARTS/SOCIAL SCI ELECTIVE (3/4) |

YEAR 1 (SPRING SEMESTER) CREDITS: 15

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| ENG 112 <i>or</i> ENG 122 | ENGLISH COMPOSITION II (3/3) <i>or</i> ADVANCED ENGLISH COMPOSITION II (3/3) |
| BIO 211 CEM 122 MTH 123 | GENERAL ZOOLOGY (4/5) INORGANIC CHEM & QUALITATIVE ANALYSIS (4/7) COLLEGE ALGEBRA & ANALYTIC TRIGONOMETRY (4/4) |

YEAR 2 (FALL SEMESTER) CREDITS: 15

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|---|---|
| CEM 221 BIO 201 PHY 121 | ORGANIC CHEMISTRY (4/6) HUMAN ANATOMY (4/5) GENERAL COLLEGE PHYSICS (4/6) |
| PLS 221 <i>or</i> PLS 222 <i>or</i> HST 221 & HST 222 | AMERICAN GOVERNMENT REQUIREMENT (3/3) |

YEAR 2 (SPRING SEMESTER) CREDITS: 15

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|-------------------------------|--|
| CEM 222 BIO 227 PHY 122 | ORGANIC CHEMISTRY (4/6) MICROBIOLOGY (4/6) GENERAL COLLEGE PHYSICS (4/6) HUMANITIES/FINE ARTS REQUIREMENT (3/4) |
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