

PRE-MEDICAL TECHNOLOGY
Associate in Science (AS) Degree

Minimum Credits: 60.0
Contact Hours: 79.0

INTRODUCTION: 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 COURSES (MEETS GRADUATION REQUIREMENTS AND MTA)

COURSE	TITLE	CREDITS	CONTACT HOURS
ENG 111 or ENG 121	English Composition I or Advanced English Composition I	3.0	3.0
ENG 112 or ENG 122	English Composition II or Advanced English Composition II	3.0	3.0
MTH 122	Plane Trigonometry	4.0	4.0
PLS 221 or PLS 222 or HST 221 & HST 222	American Government Requirement	3.0-6.0	3.0-6.0
	Humanities/Fine Arts & Social Science Requirement	3.0-4.0	4.0-5.0
CEM 121	General & Inorganic Chemistry	4.0	7.0
BIO 210	Introduction to Botany	<u>4.0</u>	<u>6.0</u>
GENERAL EDUCATION CREDITS/CONTACT HOURS:		24.0-28.0	30.0-34.0

CORE PROGRAM COURSES (MEET WITH ACADEMIC ADVISOR TO DETERMINE CORE PROGRAM COURSES FOR CONCENTRATION AND TRANSFER)

COURSE	TITLE	CREDITS	CONTACT HOURS
BIO 201	Human Anatomy	4.0	5.0
BIO 211	General Zoology	4.0	5.0
CEM 122	General & Inorganic Chemistry	4.0	7.0
CEM 221	Organic Chemistry	4.0	6.0
CEM 222	Organic Chemistry	4.0	6.0
MTH 123	College Algebra	4.0	4.0
PHY 121	General College Physics	4.0	6.0
PHY 122	General College Physics	<u>4.0</u>	<u>6.0</u>
CORE PROGRAM CREDITS/CONTACT HOURS:		32.0	43.0

SUGGESTED ELECTIVES (MEET WITH ACADEMIC ADVISOR TO DETERMINE ELECTIVES FOR CONCENTRATION AND TRANSFER)

Electives will change depending on area of concentration and the specific 4-year transfer institution's requirements. Consult your ACC academic advisor.

TOTAL MINIMUM PROGRAM CREDITS/CONTACT HOURS: 60.0 79.0

SUGGESTED SEQUENCING OF COURSES					
YEAR 1 (FALL SEMESTER) <u>14.0</u> CREDITS	CREDITS	CONTACT HRS	YEAR 1 (SPRING SEMESTER) <u>15.0</u> CREDITS	CREDITS	CONTACT HRS
ENG 111 or ENG 121 English Comp	3.0	3.0	ENG 112 or ENG 122 English Comp	3.0	3.0
CEM 121 General & Inorganic Chemistry	4.0	7.0	MTH 123 College Algebra	4.0	4.0
BIO 210 Introduction to Botany	4.0	6.0	BIO 211 General Zoology	4.0	5.0
MTH 122 Plane Trigonometry	<u>3.0</u>	<u>3.0</u>	CEM 122 General & Inorganic Chemistry	<u>4.0</u>	<u>7.0</u>
TOTAL	14.0	19.0	TOTAL	15.0	19.0
YEAR 2 (FALL SEMESTER) <u>15.0-18.0</u> CREDITS	CREDITS	CONTACT HRS	YEAR 2 (SPRING SEMESTER) <u>14.0-15.0</u> CREDITS	CREDITS	CONTACT HRS
American Government Requirement	3.0-6.0	3.0-6.0	CEM 222 Organic Chemistry	4.0	6.0
BIO 201 Human Anatomy	4.0	5.0	PHY 122 General College Physics	4.0	6.0
CEM 221 Organic Chemistry	4.0	6.0	Humanities/Fine Arts/Social Science Req	3.0-4.0	4.0-5.0
PHY 121 General College Physics	<u>4.0</u>	<u>6.0</u>	Elective	<u>3.0</u>	<u>3.0</u>
TOTAL	15.0	20.0-23.0	TOTAL	14.0-15.0	19.0-20.0

NOTES:

See information on cooperative 2+2 program in medical technology with Ferris State University.