

# Health Sciences Broad Field

Associate of Applied Science Degree (A120)

## Required Courses

BIOL 1431	General Biology I (Goal 3) .....	5
BIOL 2457*	Microbiology (Goal 3) .....	4
BIOL 2467*	Anatomy and Physiology I (Goal 3) .....	4
BIOL 2468*	Anatomy and Physiology II (Goal 3) .....	4
CHEM 1407	Life Science Chemistry (Goal 3) <b>OR</b> .....	4
CHEM 1424*	Chemical Principles I (Goal 3) .....	5
COMM 2420	Interpersonal Communication (Goal 1) <b>OR</b>	
COMM 1420	Intercultural Communication (Goals 1,7) .....	3
ENGL 1410	Composition I (Goal 1) <b>OR</b>	
ENGL 1420*	Honors Composition I (Goal 1) .....	4
HLTH 1520	Principles of Nutrition .....	3
MATH 1460*	Introduction to Statistics (Goal 4) <b>OR</b>	
MATH 1461*	Honors Intro to Statistics (Goals 2,4) .....	4
MATH 1470*	College Algebra (Goal 4) .....	3
PHIL 2420	Ethics (Goals 6,9) <b>OR</b>	
PHIL 2421*	Honors Ethics (Goals 6,9) <b>OR</b>	
PHIL 2422	Medical Ethics (Goals 6,9) .....	3
PSYC 2421	General Psychology (Goals 2,5) <b>OR</b>	
PSYC 2423*	Honors General Psychology (Goals 2,5) .....	4
PSYC 2431*	Human Development (Goal 5) .....	3
SOCL 1401	Introduction to Sociology (Goals 2,5) <b>OR</b>	
SOCL 1403*	Honors Intro to Sociology (Goals 5,8) .....	3

An A.S. degree requires a minimum of 30 credits selected from at least six of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). Student must select additional MnTC credits to total 60 credits. The following course is highly recommended:

ENGL 1411*	Composition II (Goal 1) <b>OR</b>	
ENGL 1421*	Honors Composition II (Goals 1,9) .....	4 cr
	Minnesota Transfer Curriculum courses .....	5 cr

\*Denotes Prerequisites

## GRADUATION REQUIREMENT - 60 CREDITS

## Description

This program prepares students for careers in the healthcare occupation field. It provides a broad base of general education course work relevant to health sciences in preparation for transfer to an array of health sciences majors at a college or university. This program is designed to fulfill the prerequisite requirements for health science baccalaureate requirements for specific majors at all Minnesota State universities offering related degrees through a statewide articulation agreement.

## Outcomes

By completing this program, students will achieve the following learning outcomes:

- Develop as writers and speakers who use the English language effectively and who read, write, speak, and listen critically;
- Develop capacity to identify, discuss, and reflect upon social and behavioral issues;
- Demonstrate comprehension of human and biological systems;
- Increase knowledge about mathematical and logical modes of thinking; and
- Improve their awareness and understanding of health, wellness and liberal arts.

## Pre-Program Requirements

Some courses may require students to meet College Placement Levels in reading, writing, and/or math. See an advisor for more information.

## Graduation Requirements

In addition to the program requirements, students must meet the following conditions in order to graduate:

- College Cumulative GPA Requirement: cumulative grade point average (GPA) of credits attempted and completed at CLC must be at least 2.0;
- Residency Requirement: students must complete 25% of their credits at Central Lakes College.

## Career & Transfer

This program provides preparation for transfer into a number of health sciences majors including physical therapist, occupational therapist, rehabilitation specialist, nurse, nurse educator, athletic trainer, clinical social worker, health educator, nutritionist, dietitian, medical sonographer, radiologic technician, surgical technician, dental hygienist, psychologist, cardiovascular technologist, orthodontic technologist, exercise physiologist, health center manager, and more.

Students should consult with both Central Lakes College and transfer university advisors early in the process for guidance and planning regarding how to best meet the requirements of the various health sciences baccalaureate programs.

## Academic Plan

Individual semester plans are determined between instructor or advisor and student to best meet the needs of the student.