

PROGRAM TRANSFER TABLE

Check if the sending program ___ or receiving program ___ is new.

	College (sending)	University (receiving)
Institution	Lake Superior College	St. Cloud State University
Program name	Medical Laboratory Technician	Medical Laboratory Science
Award Type (e.g., AS)	AAS	BS
Credit Length	65 credits	139
CIP code (6-digit)	51.1004	51.1005
Describe program admission requirements (if any)	Application to the college, application to the program	Application to the college, application to the program

Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
BIOL1140 Anatomy and Physiology I	3	4	BIOL202 Anatomy and Physiology I	3	4	Equiv
BIOL1141 Anatomy and Physiology II	3	4	BIOL204 Anatomy and Physiology II	3	4	Equiv
*ENGL1106 College Composition I Or COMM1100 Introduction to Communication Or COMM1105 Interpersonal Communication	1	3	*ENGL100 College Composition Or CMST192 Introduction to Communication Studies Or CMST220 Interpersonal Communication	1	3	Equiv
PSYC1135 Lifespan Development or PSYC1120 General Psychology or SOC1111 Introduction to sociology	5 & 7	3	PSY240 Developmental Psychology Or PSY115 Introduction to Psychology Or SOC160 Principles of Sociology	5 & 7	3	Equiv
CHEM1110 Aspects of Chemistry I Or *CHEM1210 General Chemistry (5cr)	3	3	CHEM101 Understanding Chemistry Or CHEM210 General Chemistry 1	3	3	Equiv
*BIOL1170 Microbiology	3	3	*BIOL151 Cell Function and Inheritance	3	3	Sub
MnTC/General Education Total		20				

¹ MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

**MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
TRANSFER AGREEMENT
BETWEEN**

**LAKE SUPERIOR COLLEGE
AND
ST. CLOUD STATE UNIVERSITY**

*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.

This Agreement is entered into between **Lake Superior College** (hereinafter sending institution), and **St. Cloud State University 720 4th Avenue South St. Cloud, MN 56301-4498** (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established a **Medical Laboratory Technician AAS degree** (hereinafter sending program), and the receiving institution has established **Medical Laboratory Science BS degree** (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply, including grade requirements for courses and an overall GPA requirement.

Transfer of Credits

- A. The receiving institution will accept 65 credits from the sending program. A total of 66 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Transfer Table. For system institutions, once the courses are encoded, they will transfer as described in the "Transferology" audit.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Transfer Agreement is effective on 03/01/2022 and shall remain in effect until 06/30/2026 or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This Transfer Agreement will be reviewed by both parties beginning 03/01/2027 (within six months of the end date).
- E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.

Special Notes, if any: *ENGL 1106 and CHEM 1210 are recommended, ENGL 1106 is equivalent to ENGL100, but COMM1100 or 1105 are not, but they do count towards goal area 1, CHEM 1210 is required to complete the MLS program, and BIOL 1170 is a substitution for students transferring using this agreement.

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: "Chose two of the following three courses." Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, sociobiology, etc. which students can select).

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
Program Courses: MLT Didactic courses				
ALTH1410 Medical Terminology	1	Elective	1	
ALTH1440 Medical Ethics and the Law Or PHIL1130 Ethics (recommended; goal 6 & 9)	1 (3)	Elective PHIL212 Moral Problems and Theories	1 (3)	Sub Equiv
MLTN1400/2444 Introduction to Medical Laboratory Techniques and Instrumentation/Medical Laboratory Skills Development	4	MLS200 Medical Laboratory Basics	2*	Equiv
MLTN1410 Immunology and Serology*	3	MLS303 Medical Immunology	2*	Equiv
MLTN1424 Urinalysis and Body Fluids	2	MLS306 Fundamental Medical Microscopy & Urinalysis	2	Equiv
MLTN1574 Collection Skills	2	Elective	2	
MLTN1420/2420 Hematology/Special Hematology*	6	MLS301 Fundamental Medical Hematology	4*	Equiv
MLTN1422/2422/1430 Microbiology/Special Microbiology/Molecular Diagnostics	6	MLS304 Fundamental Medical Microbiology	6	Equiv
MLTN1426/2426 Immunohematology/Special Immunohematology*	4	MLS305 Fundamental Medical Immunohematology	3*	Equiv
MLTN1428/2428 Clinical Chemistry/ Special Clinical Chemistry	4	MLS302 Fundamental Medical Chemistry	4	Equiv
Program Courses: MLT Clinical Courses				
MLTN2500 Medical Laboratory Technician Seminar + MLTN2505 Medical Laboratory Technician Clinical Practicum*	12	MLS301 Fundamental Medical Hematology MLS302 Fundamental Medical Chemistry MLS304 Fundamental Medical Microbiology MLS305 Fundamental Medical Immunohematology MLS306 Fundamental Medical Phlebotomy and Urinalysis	2 2 4 2 2	Equiv
Restricted elective credits - list courses (if none enter 0)	0			
Unrestricted elective credits (if none enter 0)	0			
		*The starred courses indicate courses with credits above the credits assigned to an equivalent SCSU course. These additional credits are accounted for here. LSC-SCSU = 6 credits. These credits ensure students are getting credit for all credits taken.	6	
Major, Emphasis, Unrestricted Electives Total	45	Total College Credits Applied (sum of sections A and B)	65	

SECTION C - Remaining University (receiving) Requirements

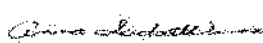
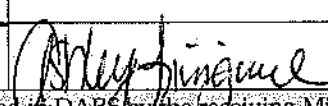
	course prefix, number and name	Credits
	MATH 112 College Algebra	3
	STAT 103 Statistical Methods for Natural Sciences ¹	3
	CHEM 210 General Chemistry I	4
	CHEM 211 General Chemistry II	4
	CHEM 240 Basic Organic Chemistry	4
	CHEM 241 Basic Biochemistry	4
	MLS 312 Molecular Pathology for MLS majors	3
	MLS 401 Clinical Hematology	3
	MLS 402 Clinical Chemistry	3
	MLS 403 Clinical Immunology	3

	MLS0 404 Clinical Microbiology	3
	MLS 405 Clinical Immunohematology	3
	MLS 406 Clinical Microscopy	3
	MLS 407 Lab Management/Education	3
	MLS Clinical Courses:	
	MLS 401 Clinical Hematology (internship)	2
	MLS 402 Clinical Chemistry (internship)	2
	MLS 404 Clinical Microbiology (internship)	2
	MLS 405 Clinical Immunohematology (internship)	2
	MLS 406 Clinical Microscopy (internship)	1
	MLS 407 Lab Management/Education (internship)	2
	Total Credits for MLS program:	57
	University unrestricted elective credits not counted elsewhere (if none enter 0)	0
	Liberal Education Credits Remaining: <i>Note: If you have completed the Minnesota Transfer Curriculum from a regionally accredited institution, you have completed the listed goal areas and do not need to complete these credits.</i>	17
	Total Remaining University Credits	74

Special Notes, if any: ¹ MATH2210 General Statistics at LSC (Sub). Transferring students from LSC will have to fulfill a minimum of 30 credits in residence at SCSU, this would include MLS classes plus any general education classes.

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	20		
Major, Emphasis, Unrestricted Electives or Other	45		
Total College Credits	65	Total College Credits Applied	65
		Remaining credit to be taken at the university (receiving institution)	74
		Total Program Credits	139
Special Notes, if any:			

² At least 40 of the required credits for the baccalaureate degree shall be at the upper-division level. If a lower division course is shown as equivalent to an upper division course, check with the university to determine if it will count toward the 40 required credits of upper division.

College	Name	Signature	Date
Chief Academic Officer	Linda Kingston	Linda Kingston	3/21/2022
Academic Dean	Anna Sackette-Urness		3/18/2022
University	Name	Signature	Date
Chief Academic Officer	Abby Zink	Abby Zink	2/23/24
Academic Dean			
DARS Encoder	Usnley Livingston		4-5-24

Date when equivalencies were verified/encoded in DARS by the receiving Minnesota State institution.