

Lake Superior State University—Articulation Agreement

Kirtland Community College

Transfer Major:

B.S. Medical Laboratory Science-Academic Concentration

Contacts:

Renae Klee, Associate Registrar
Kirtland Community College
10775 N. St. Helen Rd.
Roscommon, MI 48653
(989) 275-5000, ext. 291

Valid For:

Current - KCC Catalog

Dr. Martha Hutchens, Program Director
Medical Laboratory Science Program
Lake Superior State University
(906) 635-2806

Current LSSU Online Catalog

Kirtland Community College

LSSU Courses Satisfied

**LSSU
Bachelor of Science in Medical
Laboratory Science- Academic
Concentration**

BIO10100*-General Biology *with plant-related honors project

4

BIOL131-General Biology: Cells

4

BIOL199-Freshman Seminar (Waived)

2

BIO20100-General Zoology

4

BIOL132-General Biology: Organisms

4

BIOL206-Medical Laboratory Practices

4

BIO21000-Microbiology

4

BIOL204-General Microbiology

4

BIOL220 Genetics

4

CHE10101- General Chemistry I AND

4

CHEM115-General Chemistry I AND

5

BIOL280-Biostatistics

3

CHE10102-General Chemistry I Lab

1.5

CHEM116-General Chemistry II

5

BIOL299-Sophomore Seminar

1

CHE10201-General Chemistry II AND

4

CHEM177-Electives

1

BIOL306-Medical Mycology

3

CHE10202-General Chemistry II Lab

1.5

MATH111-College Algebra AND

3

BIOL330-Animal Physiology

4

MATH177 Electives

1

BIOL337-General Ecology

3

MTH13000-College Algebra

4

MATH207- Principles of Statistical

3

BIOL380-Clinical Hematology and

4

MTH20600-Application in Statistics

4

Methods AND

1

Hemostasis

MATH277-Electives

1

BIOL399-Junior Seminar

1

ENG10303-English Composition I

3

MATH277-Electives

1

BIOL406-Immunohematology

3

ENG10403-English Composition II

3

ENGL110-Freshman Comp I

3

BIOL422-Parasitology

4

SPE10500-Fundamentals of Speech OR

3

ENGL111-Freshman Comp II

3

BIOL455-Clinical Chemistry and Body

4

SPE11400- Introduction to

Interpersonal/Public Communication

COMM101-Fund. Speech Comm.

3

Fluids Analysis

4

BIOL480-Advanced Clinical

4

Microbiology

4

BIOL495-Senior Project

2

BIOL499-Senior Seminar

1

Cultural Diversity, Social Science & Humanities to satisfy MTA requirements

15

Cultural Diversity, Social Science & Humanities to satisfy MTA requirements

15

Support Courses

CHEM225-Organic Chemistry I

4

CHEM231-Quantitative Analysis

4

CHEM326-Organic Chemistry II

4

CHEM332-Instrumental Chemistry

4

CHEM351-Introductory Biochemistry

4

MATH112-Calculus for Business and Life Science

4

Notes:

1. Transfer 5 credits of any courses back to Kirtland to complete an Associate of Science and Arts degree.

2. In order to become eligible to take the American Society for Clinical Pathology (ASCP) Board of Certification (BOC) exam, you must complete additional clinical training through an accredited educational program. LSSU offers such a program; admission is by competitive application. Please contact Dr. Martha Hutchens

Notes:

Students desiring a B.S. in Medical Laboratory Science from LSSU must follow the College Algebra math track in the Michigan Transfer Agreement (MTA).

(mhutchens@lssu.edu) for details.

TOTAL LSSU TRANSFER CREDITS

55

REMAINING LSSU CREDITS

70

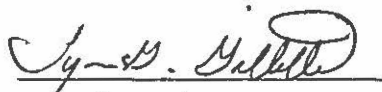
TOTAL DEGREE CREDITS

125

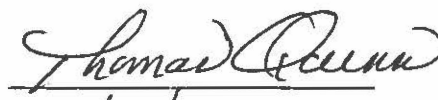
APPROVED: Dr. Lynn G. Gillette
Provost and VPAA
Lake Superior State University

Approved: Dr. Tom Quinn
President
Kirtland Community College

Date:


8/13/18

Date:


8/13/18

Suggested Course Sequence 1

Fall Semester, AY 1 (KCC)

Credits

BIO	10100	General Biology		4
CHE	10101	General Chemistry I	AND	4
CHE	10102	General Chemistry I Lab		1.5
ENG	10303	English Composition I		3
MTH	13000	College Algebra		4
				16.5

Spring Semester, AY 1 (KCC)

BIO	20100	General Zoology		4
CHE	10201	General Chemistry II	AND	4
CHE	10202	General Chemistry II Lab		1.5
ENG	10304	English Composition II		3
MTH	20600	Application in Statistics		4
				16.5

Summer Semester, AY 1 (KCC)

Humanities, Social Science, or Cultural Diversity course				3
Humanities, Social Science, or Cultural Diversity course				3
				6

Fall Semester, AY 2 (KCC)

SPE	10500	Fundamentals of Speech	OR	
SPE	11400	Introduction to Interpersonal/Public Comm		3
BIO	21000	Microbiology		4
Humanities, Social Science, or Cultural Diversity course				3
Humanities, Social Science, or Cultural Diversity course				3
Humanities, Social Science, or Cultural Diversity course				3
				16

Spring Semester, AY 2 (LSSU)

BIOL	220	Genetics		4
BIOL	280	Biostatistics		3
BIOL	299	Sophomore Seminar		1
BIOL	330	Animal Physiology		4
				12

Fall Semester, AY 3 (LSSU)

CHEM	225	Organic Chemistry I	4
MATH	112	Calculus for Business and the Life Sciences	4
BIOL	206	Medical Laboratory Practices	2
BIOL	399	Junior Seminar	1
*BIOL	422	Parasitology	3
			14

Spring Semester, AY 3 (LSSU)

CHEM	326	Organic Chemistry II	4
**BIOL	306	Medical Mycology	3
**BIOL	480	Advanced Clinical Microbiology	4
BIOL	495	Senior Project	2
			13

Fall Semester, AY 4 (LSSU)

CHEM	231	Quantitative Analysis	4
CHEM	351	Introductory Biochemistry	4
*BIOL	455	Body Fluids Analysis (Clinical Chemistry)	4
			12

Spring Semester, AY 4 (LSSU)

CHEM	332	Instrumental Analysis	4
**BIOL	380	Clinical Hematology and Hemostasis	4
**BIOL	406	Immunohematology	3
BIOL	423	Immunology	4
BIOL	499	Senior Seminar	1
			16

*May be taken either AY3 or AY4 depending on year BIOL455 is offered

**May be taken in either AY3 or AY4 depending on years offered

Suggested Course Sequence 2

Fall Semester, AY 1 (KCC)

			Credits
BIO	10100	General Biology	4
ENG	10303	English Composition I	3
MTH	13000	College Algebra	4
Humanities, Social Science, or Cultural Diversity course			3
			14

Spring Semester, AY 1 (KCC)

BIO	20100	General Zoology	4
ENG	10403	English Composition II	3
MTH	20600	Application in Statistics	4
Humanities, Social Science, or Cultural Diversity course			3
			14

Fall Semester, AY 2 (KCC)

SPE	10500	Fundamentals of Speech	OR	3
SPE	11400	Introduction to Interpersonal/Public Comm		
BIO	21000	Microbiology		4
CHE	10101	General Chemistry I	AND	4
CHE	10102	General Chemistry I Lab		1.5
Humanities, Social Science, or Cultural Diversity course				3
				15.5
Spring Semester, AY 2 (KCC)				
CHE	10201	General Chemistry II	AND	4
CHE	10202	General Chemistry II Lab		1.5
Humanities, Social Science, or Cultural Diversity course				3
Humanities, Social Science, or Cultural Diversity course				3
				11.5
Fall Semester, AY 3 (LSSU)				
CHEM	225	Organic Chemistry I		4
BIOL	206	Medical Laboratory Practices		2
BIOL	220	Genetics		4
BIOL	280	Biostatistics		3
BIOL	299	Sophomore Seminar		1
				14
Spring Semester, AY 3 (LSSU)				
CHEM	326	Organic Chemistry II		4
BIOL	330	Animal Physiology		4
*BIOL	380	Clinical Hematology and Hemostasis		4
BIOL	399	Junior Seminar		1
*BIOL	406	Immunohematology		3
				16
Fall Semester, AY 4 (LSSU)				
CHEM	231	Quantitative Analysis		4
CHEM	351	Introductory Biochemistry		4
BIOL	422	Parasitology		3
**BIOL	455	Clinical Chemistry and Body Fluids Analysis		4
				15
Spring Semester, AY 4 (LSSU)				
CHEM	332	Instrumental Analysis		4
***BIOL	306	Medical Mycology		3
BIOL	423	Immunology		4
***BIOL	480	Advanced Clinical Microbiology		4
				15
Summer Semester, AY 4 (LSSU)				
BIOL	495	Senior Project		2
Fall Semester, AY 5 (LSSU)				
MATH	112	Calculus for Business and the Life Sciences		4

*Offered spring of even-numbered years. May be taken AY 3 or AY 4 depending on year that student begins program.

**Offered fall of even-numbered years. May be taken AY 4 or AY 5 depending on year that student begins program.

***Offered spring of odd-numbered years. May be taken AY 3 or AY 4 depending on year that student begins program.