



NORTHEASTERN
STATE UNIVERSITY

College of Science & Health Professions

2020-2021 Medical Laboratory Science: 3+1 Pathway

First Year – Freshman

Fall Semester	Spring Semester
*ENGL 1113 Freshman Composition I	*ENGL 1213 Freshman Composition II
*BIOL 1013/1011 Introductory Biology I and Lab	CHEM 1123/1131 General Chemistry I and Lab
*UNIV 1003 University Strategies	*POLS 1113 American Federal Government
*HIST 1483 or 1493 American History 1876	**Humanities (3 hrs)
*MATH 1513 College Algebra	*H ED 1113 Personal Health or NUTR 1653 Basic Nutrition
Total Hours 16	Total Hours 16

Second Year – Sophomore

Fall Semester	Spring Semester
BIOL 1023/1021 Introductory Biology II and Lab	BIOL 2224 Microbiology
CHEM 1223/1231 General Chemistry II and Lab	CHEM 3123/3132 Organic Chemistry I and Lab
**Communications (3 hrs)	*PSYC 1113 Introduction to Psychology
*CS 1003 Computers in Modern Society	**Global Perspective (3 hrs)
3 hrs free electives	
Total Hours 17	Total Hours 15

Third Year – Junior

Fall Semester	Spring Semester
BIOL 3314 Human Physiology	BIOL 4354 Immunology
BIOL 3114 Genetics	CHEM 4214 Biochemistry
Humanities (3 hrs)	*3 – 4 hrs major electives
4 hrs free electives	4 hrs free electives
Total Hours 15	Total Hours 15

Fourth Year – Senior (Internship at School of Medical Technology)

Summer Semester	Fall Semester	Spring Semester
MEDT 4351 Topics in Med Tech	MEDT 4117 Clinical Microbiology	MEDT 4216 Clinical Immunology
MEDT 4325 Clinical Chemistry II	MEDT 4125 Clinical Chemistry I	MEDT 4236 Clinical Hematology
Total Hours 6	Total Hours 12	Total Hours 12

Total Degree Plan Hours 124

*General Education Requirement.

**See current catalog "General Requirements" for selection.

***Choose from an approved BIOL course. Examples: BIOL 4161 Medical Microbiology, BIOL 4214 Animal Parasitology, BIOL 4133 General Virology, BIOL 3124 Cell Biology. Please see your advisor for additional choices.

For further information, contact Dr. Sallie Ruskoski, Program Director, 918-449-6471, ruskosks@nsuok.edu