



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