



# MEDICAL LABORATORY SCIENCE

2026–2027

|                           |                                                                                                                                                                        |           |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                           | <b>SEMESTER 1</b>                                                                                                                                                      |           |
| ENGL 1010                 | Rhetoric and Composition                                                                                                                                               | 3 Credits |
| MATH 1105                 | College Algebra                                                                                                                                                        | 3 Credits |
| BIOL 2017                 | Survey of Human Anatomy & Physiology                                                                                                                                   | 4 Credits |
| CHEM 1030                 | General Chemistry I                                                                                                                                                    | 3 Credits |
| CHEM 1031                 | General Chemistry Lab I                                                                                                                                                | 1 Credits |
| MLTS 1030                 | Introduction to Medical Laboratory Science                                                                                                                             | 3 Credits |
|                           | <b>TOTAL SEMESTER CREDITS</b>                                                                                                                                          | <b>17</b> |
|                           | <b>SEMESTER 2</b>                                                                                                                                                      |           |
| MLTS 1073                 | Hematology I                                                                                                                                                           | 3 Credits |
| MLTS 1130                 | Medical Microbiology I                                                                                                                                                 | 3 Credits |
| MLTS 1131                 | Medical Microbiology Lab I                                                                                                                                             | 1 Credit  |
| MLTS 1203                 | Immunology & Serology                                                                                                                                                  | 3 Credits |
| Social/Behavioral Science | Choose from General Education courses: Criminal Justice 1010, Anthropology (ANTH), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCI). | 3 Credits |
|                           | <b>SEMESTER 3</b>                                                                                                                                                      | <b>13</b> |
| MLTS 1410                 | Medical Chemistry I                                                                                                                                                    | 3 Credits |
| MLTS 2073                 | Hematology II                                                                                                                                                          | 3 Credits |
| Humanities                | Choose from General Education Courses: History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.       | 3 Credits |
|                           | <b>TOTAL SEMESTER CREDITS</b>                                                                                                                                          | <b>9</b>  |
|                           | <b>SEMESTER 4</b>                                                                                                                                                      |           |
| MLTS 1453                 | Body Fluid Analysis                                                                                                                                                    | 3 Credits |
| MLTS 2060                 | Medical Microbiology II                                                                                                                                                | 3 Credits |
| MLTS 2061                 | Medical Microbiology Lab II                                                                                                                                            | 1 Credit  |
| MLTS 2203                 | Medical Immunohematology                                                                                                                                               | 3 Credits |
| MLTS 2410                 | Medical Chemistry II                                                                                                                                                   | 3 Credits |
| MLTS 2411                 | Medical Chemistry Lab II                                                                                                                                               | 1 Credit  |
|                           | <b>TOTAL SEMESTER CREDITS</b>                                                                                                                                          | <b>14</b> |
|                           | <b>SEMESTER 5</b>                                                                                                                                                      |           |
| MLTS 2823                 | Chemistry Practicum                                                                                                                                                    | 4 Credits |
| MLTS 2833                 | Blood Bank Practicum                                                                                                                                                   | 4 Credits |
| MLTS 2843                 | Microbiology Practicum                                                                                                                                                 | 4 Credits |
| MLTS 2814                 | Hematology Practicum                                                                                                                                                   | 4 Credits |
|                           | <b>TOTAL SEMESTER CREDITS</b>                                                                                                                                          | <b>16</b> |
|                           | <b>TOTAL DEGREE CREDITS – Associate of Applied Science–Medical Laboratory Science</b>                                                                                  | <b>69</b> |

**A grade of “C” or higher is required in all courses.**

Note: This document is intended to help you plan your schedule. The official and final program requirements are those published in the applicable college catalog under the Programs tab. (OAA 4/26)