# Medical Laboratory Technology

A few facts about our profession

* We do real science every day
* We save lives
* Job Opportunities
  + Most jobs available to someone with a biology or chemistry degree will accept our certification
  + Most graduates work in medical labs (hospital, private, reference or public health)
  + Industry, agricultural and manufacturing laboratories
  + Sales, service and support for technical analyzers
  + Forensics
  + Hospital administration
* Educational opportunity
  + MLT program is two years including general education courses
    - There is now a rapid track for those with all general education courses completed that only takes two semesters
  + 100% of graduates find jobs
    - Let your employer fund the rest of your education
    - Flexible work schedules allow you to pursue further education
  + Strong base for
    - Physician’s assistant
    - Nursing
    - Hospital administration
    - Research
    - Physician

Feel free to contact me for more information. Or visit ASCP.org or ASCLS.org for information from our professional organizations.

Contact me at the email below to arrange a time to discuss how we can make this work to your advantage.

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 MLT Program Coordinator

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# See below for some class schedule options

*Our Hyflex lecture and twice annual course offerings allow for a flexible schedule to operate around work and homelife.*

Course availability allows for multiple scheduling options. Feel free to set up an appointment with the coordinator to work out a schedule that fits your life.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| MLT Classes Availability  Classes are eight weeks. | | | | | | |
| Class | Hours | Fall | | Spring | | Summer |
| *1st*  *8 weeks* | | *2nd*  *8 weeks* | |
| MLT 130 | 2 | X | X | X | X |  |
| MLT 150 | 2 | X | X | X | X |  |
| MLT 200 | 4 | X |  |  | X |  |
| MLT 210 | 4 | X |  |  | X |  |
| MLT 220 | 2 |  | X |  |  | X |
| MLT 230 | 2 |  | X |  | X |  |
| MLT 240 | 4 |  | X | X |  |  |
| MLT 250 | 2 |  | X |  |  | X |
| MLT 260 | 2 |  | X |  | X |  |
| MLT 270 | 4 | X |  |  | X |  |
| MLT 245 | 5 | X | | X | |  |
| MLT 275 | 3 | X? | | X | |  |

# Course Schedules

An AAS Degree is awarded upon the successful completion of the prescribed curriculum for the MLT Program. Refer to the college catalog for a complete listing of the graduation requirements.

**For students without general education courses completed.**

## Suggested Program Schedule – Fall Start

|  |  |  |
| --- | --- | --- |
| **FIRST YEAR** | | |
| **Fall Semester** | | |
| MATH 112 or MATH 107 | College Algebra or General Education Statistics | 4 |
| CHEM 101 or CHEM 105 | Introductory Chemistry or General Chemistry I | 5 |
| ENG 101 | Rhetoric and Composition | 3 |
| MLT 130 *2nd eight weeks* | Specimen Collection and Handling | 2 |
| MLT 150 2nd *eight weeks* | Introduction to the Clinical Laboratory | 2 |
| **Total Credit Hours** | | **16** |
| **Spring Semester** | | |
| CHEM 103 or CHEM 106 | Intro to Organic and Biochemistry or General Chemistry II | 5 |
| BIOL 157 | Anatomy and Physiology I | 4 |
| COMM 151 or COMM 155 | Fundamentals of Public Speaking or Interpersonal Communication | 3 |
| HRO 100 | Medical Terminology | 1 |
| MLT 260 2nd *eight weeks* | Clinical Microscopy | 2 |
| **Total Credit Hours** | | **15** |
| **SECOND YEAR** | | |
| **Summer Semester** | | |
| BIOL 158 | Anatomy and Physiology II | 4 |
| MLT 220 | Serology | 2 |
| MLT 250 | Coagulation | 2 |
| **Total Credit Hours** | | **8** |
| **Fall Semester** | | |
| See catalog for options | Human Relations Classes | 3 |
| MLT 200 *1st Eight Weeks* | Hematology | 4 |
| MLT 270 *1st Eight Weeks* | Clinical Chemistry | 4 |
| MLT 245 *2nd Eight Weeks* | Clinical Practice I | 5 |
| **Total Credit Hours** | | **16** |
| **Spring Semester** | | |
| PSYCH 151 | Psychology | 3 |
| MLT 210 *1st Eight Weeks* | Clinical Microbiology | 4 |
| MLT 240 *1st Eight Weeks* | Immunohematology | 4 |
| MLT 275 | Clinical Practice II | 3 |
| MLT 230 *2nd Eight Weeks* | Microbiology Clinical Practice | 2 |
| **Total Credit Hours** | | **16** |
| **Program Total Credit Hours** | | 71 |

**For those with some general education classes completed**

This is just one possible progression. Students with some general education courses completed should meet with the program coordinator to develop a personalized schedule

**Possible Schedule Option – Spring Start**

|  |  |  |
| --- | --- | --- |
|  | | |
| **General Education Courses** | | |
| MATH 112 or MATH 107 | College Algebra or General Education Statistics | 4 |
| ENG 101 | Rhetoric and Composition | 3 |
| See catalog for options | Human Relations Classes | 3 |
| COMM 151 or COMM 155 | Fundamentals of Public Speaking or Interpersonal Communication | 3 |
| PSYCH 151 | Psychology | 3 |
| BIOL 157 | Anatomy and Physiology I | 4 |
| BIOL 158 | Anatomy and Physiology II | 4 |
| CHEM 101 or CHEM 105 | Introductory Chemistry or General Chemistry I | 5 |
| CHEM 103 or CHEM 106 | Intro to Organic and Biochemistry or General Chemistry II | 5 |
| **Total Credit Hours** | | **34** |
| **Spring Semester** | | |
| Available | Remaining General Education Courses | 5-11 |
| HRO 100 | Medical Terminology | 1 |
| MLT 130 *1st eight weeks* | Specimen Collection and Handling | 2 |
| MLT 150 *1st eight weeks* | Introduction to the Clinical Laboratory | 2 |
| MLT 260 *2nd eight weeks* | Clinical Microscopy | 2 |
| **Not Enough MLT hours for Full-Time Total Credit Hours** | | **6-18** |
| **SECOND YEAR** | | |
| **Summer Semester** | | |
| MLT 220 | Serology | 2 |
| MLT 250 | Coagulation | 2 |
| **Total Credit Hours** | | **4** |
| **Fall Semester** | | |
| Available | Remaining General Education Courses | 3-5 |
| MLT 200 *1st Eight Weeks* | Hematology | 4 |
| MLT 270 *1st Eight Weeks* | Clinical Chemistry | 4 |
| MLT 245 *2nd Eight Weeks* | Clinical Practice I | 5 |
| **Total Credit Hours** | | **15 - 17** |
| **Spring Semester** | | |
| MLT 210 | Clinical Microbiology | 4 |
| MLT 240 | Immunohematology | 4 |
| MLT 275 | Clinical Practice II | 3 |
| MLT 230 | Microbiology Clinical Practice | 2 |
| **Total Credit Hours** | | **13** |
| **Program Total Credit Hours** | | 71 |

|  |  |  |
| --- | --- | --- |
|  | | |
| **General Education Courses** | | |
| MATH 112 or MATH 107 | College Algebra or General Education Statistics | 4 |
| ENG 101 | Rhetoric and Composition | 3 |
| See catalog for options | Human Relations Classes | 3 |
| COMM 151 or COMM 155 | Fundamentals of Public Speaking or Interpersonal Communication | 3 |
| PSYCH 151 | Psychology | 3 |
| BIOL 157 | Anatomy and Physiology l | 4 |
| BIOL 158 | Anatomy and Physiology I | 4 |
| CHEM 101 or CHEM 105 | Introductory Chemistry or General Chemistry I | 5 |
| CHEM 103 or CHEM 106 | Intro to Organic and Biochemistry or General Chemistry II | 5 |
| HRO 100 | Medical Terminology | 1 |
| **Total Credit Hours** | | **35** |
| **SECOND YEAR** | | |
| **Fall Semester *First Eight Weeks*** | | |
| MLT 130 | Specimen Collection and Handling | 2 |
| MLT 150 | Introduction to the Clinical Laboratory | 2 |
| MLT 200 | Hematology | 4 |
| MLT 270 | Clinical Chemistry | 4 |
| ***Credit Hours*** | | **12** |
| **Fall Semester *Second Eight Weeks*** | | |
| MLT 260 | Clinical Microscopy | 2 |
| MLT 220 | Serology | 2 |
| MLT 250 | Coagulation | 2 |
| ***Credit Hours*** | | **6** |
| **Total Credit Hours** | | **18** |
| **Spring Semester** | | |
| MLT 210 | Clinical Microbiology | 4 |
| MLT 240 | Immunohematology | 4 |
| MLT 245 | Clinical Practice I | 5 |
| MLT 275 | Clinical Practice II | 3 |
| MLT 230 | Microbiology Clinical Practice | 2 |
| **Total Credit Hours** | | **18** |
| **Program Total Credit Hours** | | 71 |

**RAPID TRACK**

**For those with ALL general education courses completed**

**Please note: This is an extremely rigorous academic load. Student considering this pathway MUST meet with the program coordinator to discuss options.**

**Also available as a spring start**