



Medical Laboratory Technology Associate in Science

START here

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
ENG 101 – English Composition I	3		<input type="checkbox"/>
BIO 231 – Anatomy & Physiology I	4		<input type="checkbox"/>
CHE 131 – College Chemistry I	4		<input type="checkbox"/>
MLT 105 – Introduction to Clinical Laboratory Science	3		<input type="checkbox"/>
MLT 106 – Basic Clinical Lab Theory and Techniques	4		<input type="checkbox"/>

TOTAL CREDITS 18

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
BIO 232 – Anatomy & Physiology II	4		<input type="checkbox"/>
CHE 132 – College Chemistry II	4		<input type="checkbox"/>
MLT 151 – Urinalysis and Body Fluids	2		<input type="checkbox"/>
MLT 153 – Immunology and Serology	3		<input type="checkbox"/>
MLT 154 – Introduction to Molecular Diagnostics	1		<input type="checkbox"/>
MAT 177 – Statistics	3		<input type="checkbox"/>

TOTAL CREDITS 17

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
ENG 102 – English Composition II	3		<input type="checkbox"/>
Humanities Elective	3		<input type="checkbox"/>
MLT 201 – Hematology Theory and Lab	4		<input type="checkbox"/>
MLT 202 – Clinical Chemistry Theory and Lab	4		<input type="checkbox"/>
MLT 203 – Medical Microbiology Theory and Lab	4		<input type="checkbox"/>

TOTAL CREDITS 18

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
MLT 205 – Clinical Chemistry Practicum	2		<input type="checkbox"/>
MLT 251 – Immunohematology Theory and Lab	4		<input type="checkbox"/>
MLT 252 – Hematology Practicum	2		<input type="checkbox"/>
MLT 253 – Medical Microbiology Practicum	2		<input type="checkbox"/>
MLT 254 – MLT Seminar	1		<input type="checkbox"/>
Behavioral Science Elective	3		<input type="checkbox"/>
Social Science Elective	3		<input type="checkbox"/>

TOTAL CREDITS 17

SEMESTER 5 – SUMMER	CREDITS	MILESTONE	COMPLETED
MLT 255 – Immunohematology Practicum (4 weeks in June)	2		<input type="checkbox"/>

TOTAL CREDITS 2

You've FINISHED!

Milestone Courses

should be taken in the order shown. This will help you stay on track and graduate on time.

Make Your Summer Matter. Summer is a great time to take some Gen Ed courses and get ahead.

General Advising Notes

- Program starts in the Fall semester.
- Program is only offered during the day on the Lowell campus.
- MLT 151 and MLT 154 are offered in eight-week modules in the Spring semester.
- It is recommended that students complete the General Education Electives of the program prior to applying for admission due to the heavy course load.
- Additional coursework may be required based on college placement testing.

Career and Transfer Outlook

The continued growth of the laboratory science profession is producing an increased demand for educated and motivated laboratory professionals. Employment opportunities for graduates of a medical laboratory technician program include hospital and reference laboratories, physician-office laboratories, clinics, forensics laboratories, pharmaceutical companies, and research facilities. In the design of this program, articulating to a B.S. program was considered when mapping courses.

To learn more, call us at **1-800-818-3434**
or visit **www.middlesex.mass.edu**