

**Michigan Technological University****Bachelor of Science Degree Audit****Major Program: Medical Laboratory Science, Concentration: 4+1 MLS**

Program Code: SML9, Academic Year 2020-21

Total credits required for the degree: 120, or 132 with optional University Based Practicum

**Major Requirements: 46 credits**

Course	Credits
BL 0600*	1
BL 1200 and BL 1210	3 1
BL 1600	1
BL 1710	1
BL 2010	3
BL 2011	1
BL 2020	3
BL 2021	1
BL 2200	3
BL 2410	3
BL 3020	3
BL 3210	4
BL 3230	4
BL 3640	3
BL 3780	1
BL 4550	3
BL 4640	2
BL 4720	3
BL 4730	1
BL 4980	2

\*Required for degree, but does not count in overall degree total.

**Math and Science: 15 credits**

Course	Credits
CH 1150	3
CH 1151	1
CH 1160	3
CH 1161	1
CH 2410	3
MA 2720	4

**Concentration Requirements: 23 credits**

Course	Credits
BL 3220	3
BL 3611	1
BL 4800	5
PH 1110	3
PH 1111	1
PH 1200	1
PH 1210	3

**Choose 6 credits**

Course	Credits
MGT 2000	3
MGT 3000	3
MGT 4700	3
MKT 3000	3
BL 2940	3
BL 3012	3
BL 3044	3
BL 3300	3
BL 3400	4
BL 3820	2
BL 3970	3
BL 3990	1-3
BL 4020	3
BL 4044	3
BL 4370	3
BL 4380	3
BL 4410	3
BL 4660	1-3
BL 4752	3
BL 4999	1-3
EC 2001	3
KIP 4700	2

### General Education Core and HASS

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the [General Education](#) page.

#### Core: 12 credits

Course	Credits
UN 1015	3
UN 1025 or an upper level modern language	3
Critical and Creative Thinking	3
Social Responsibility and Ethical Reasoning	3

#### HASS: 12 credits

Six of the 12 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

Course	Credits
Communication/ Composition	Minimum 3
Humanities and Fine Arts	Minimum 3
Social and Behavioral Sciences	Minimum 3
Course from any list above or from the Restricted HASS course list	0 to 3

#### Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half credit (0.5) courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.

Course	Credits

#### Free Electives: 12 credits

Any coursework is allowable, excluding co-curricular and coursework below the 1000-level.

Course	Credits

#### Credit Requirements for Hospital Based Clinical Practicum, Graduate School, or Industry: 120 credits

No additional credits required beyond 120, however please consult with your advisor with post-graduation plans.

#### Credit Requirements for University-Based Clinical Practicum: 132 credits

BL 4612 for 12 credits is required for the University-Based Clinical Practicum.