

Bachelor of Health Science - Medical Laboratory Science (MLSc) Bridge 2021-2022

The below is a suggested program summary. Courses offerings may be scheduled in the Fall, Winter or Spring/Summer terms. Please refer to MyCampus for further details.

Year 2 (2021/22)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	HLSC 2460U - Pathophysiology I	HLSC 1201U or HLSC 2202U		HLSC 2461U - Pathophysiology II	HLSC 2460U; Credit Restriction(s): HLSC 2463U
	HLSC 3800U - Critical Appraisal of Statistics in Health Science	24 Credit Hours		HLSC 3910U - Research Methods for Health Care Professionals: Theory and Application	HLSC 3800U
	MLSC 1010U - Introduction to Medical Laboratory Practice	CHEM 1020U, HLSC 1201U, HLSC 2110U		MLSC 2111U - Clinical Biochemistry I	MATH 1880U, MLSC 1010U; Co-Requisite(s): HLSC 2461U
	MLSC 2140U - Biotechnology to MLSc	Co-Requisite(s): MLSC 1010U, HLSC 2460U		MLSC 2121U - Clinical Hematology I	MATH 1880U, MLSC 1010U; Co-Requisite(s): HLSC 2461U
	Open Elective			MLSC 2131U - Clinical Microbiology I	MLSC 1010U, MLSC 2130U; Co-Requisite(s): HLSC 2461U

Year 3 (2022/23)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	MLSC 3111U - Clinical Biochemistry II	HLSC 2461U, MLSC 2111U		MLSC 3210U - Effective Leadership and Quality Management in the Clinical Laboratory	MLSC 2111U
	MLSC 3121U - Clinical Hematology II	HLSC 2461U, MLSC 2121U		MLSC 3220U - Transfusion Science	MLSC 3121U, MLSC 3200U
	MLSC 3131U - Clinical Microbiology II	HLSC 2461U, MLSC 2131U		MLSC 3231U - Advanced Histotechnology	MLSC 3230U
	MLSC 3200U - Transfusion Science I	MLSC 2121U		MLSC 3300U - Simulated Clinical Practicum	HLSC 2461U, MLSC 3111U, MLSC 3121U, MLSC 3131U, MLSC 3221U, MLSC 3230U
	MLSC 3230U - Microanatomy and Histotechnology	HLSC 2461U, MLSC 1010U, MLSC 2130U			

Year 4 (2023/24)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	HLSC 4820U - Interdisciplinary Collaboration	72 Credit Hours			
	MLSC 4111U - Clinical Biochemistry III	CHEM 2130, MLSC 3300U; Co-Requisite(s): MLSC 4400U		MLSC 4112U - Clinical Biochemistry IV	MLSC 4111U; Co-Requisite(s): MLSC 4401U
	MLSC 4121U - Clinical Hematology III	MLSC 3300U; Co-Requisite(s): MLSC 4400U		MLSC 4122U - Clinical Hematology IV	MLSC 4121U; Co-Requisite(s): MLSC 4401U
	MLSC 4131U - Clinical Microbiology III	MLSC 3300U, MLSC 3141U; Co-Requisite(s): MLSC 4400U		MLSC 4132U - Clinical Microbiology IV	MLSC 4131U; Co-Requisite(s): MLSC 4401U
	MLSC 4210U - Professional Practice in the Clinical Laboratory I	MLSC 3300U; Co-Requisite(s): MLSC 4400U		MLSC 4211U - Professional Practice in the Clinical Laboratory II	MLSC 4210U; Co-Requisite(s): MLSC 4401U
	MLSC 4220U - Transfusion Science III	MLSC 3220U, MLSC 3300U; Co-Requisite(s): MLSC 4400U		MLSC 4221U - Transfusion Science IV	MLSC 4220U; Co-Requisite(s): MLSC 4401U
	MLSC 4231U - Histopathology I	MLSC 3231U, MLSC 3300U; Co-Requisite(s): MLSC 4400U		MLSC 4232U - Histopathology IV	MLSC 4231U; Co-Requisite(s): MLSC 4401U
	MLSC 4400U - Clinical Project I or HLSC 4996U – Research Applications I (With permission only of Program Director and Practicum Coordinator)	HLSC 3910U; Co-Requisite(s): MLSC 4111U, MLSC 4121U, MLSC 4131U, MLSC 4210U, MLSC 4220U, MLSC 4231U HLSC 3910U		MLSC 4401U - Clinical Project II or HLSC 4997U – Research Applications II (With permission only of Program Director and Practicum Coordinator)	MLSC 4400U; Co-Requisite(s): MLSC 4112U, MLSC 4122U, MLSC 4132U, MLSC 4211U, MLSC 4221U, MLSC 4232U HLSC 4996U

Note: Prerequisites listed above are program specific. Please refer to the Undergraduate Academic Calendar for full course details.