

Bachelor of Health Science - Human Health Science Specialization 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 1 (2021/22)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	BIOL 1010U - Biology I			BIOL 1020U - Biology II	BIOL 1010U
	CHEM 1010U - Chemistry I			CHEM 1020U - Chemistry II	CHEM 1010U
	HLSC 1200U - Anatomy & Physiology I	Credit Restriction(s): HLSC 0880U		HLSC 1201U - Anatomy & Physiology II	HLSC 1200U Credit Restriction(s): HLSC 2202U
	HLSC 1701U - Information Literacy and Written Communications for the Health Sciences			HLSC 1811U - Social Determinants of Health	HLSC 1701U; Credit restriction(s): HLSC 1812U
	HLSC 1810U - Health Promotion & Healthy Active Living			PSYC 1000U - Introductory Psychology	

Year 2 (2022/23)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	HLSC 2130U - Public Health Microbiology	HLSC 1201U		HLSC 2030U - Interpersonal & Interprofessional Communication	HLSC 1701U
	HLSC 2462U - Altered Physiology: Mechanisms of Disease I	HLSC 1201U or HLSC 2202U; Credit Restriction(s): HLSC 2460U		HLSC 2110U - Foundations in Clinical & Exercise Biochemistry	Credit Restriction(s): HLSC 2480U
	HLSC 2465U - Anatomy & Physiology III: Cells and Tissues	HLSC 1201U		HLSC 2463U - Altered Physiology: Mechanisms of Disease II	HLSC 2462U; Credit restriction(s): HLSC 2461U
	HLSC 2802U - Intro to the Canadian Health Care System	HLSC 1701U		HLSC 3800U - Critical Appraisal of Statistics in Health Science	24 Credit Hours
	HLSC 3820U - Public Health I	HLSC 1811U or HLSC 1812U		Open Elective*	

Year 3 (2023/24)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	HLSC 2825U - Nutrition and Health	HLSC 1201U or HLSC 2202U; Credit Restriction(s): HLSC 2820U		HLSC 3464U - Altered Physiology III: Cancer Biology	HLSC 2463U, HLSC 2465U
	HLSC 3463U - Human Genetics & Society	HLSC 2460U or HLSC 2462U		HLSC 3473U - Prevention & Rehab of Complex Chronic Conditions	HLSC 1811U or HLSC 1812U, HLSC 2030U, PSYC 1000U
	HLSC 3910U - Research Methods for Health Care Professionals: Theory and Application	HLSC 3800U		HLSC 3710U - Ethics	24 Credit Hours; Credit restriction(s): HLSC 3711U, HLSC 3712U
	Health Science Elective			Health Science Elective	
	Open Elective			Open Elective	

Year 4 (2024/25)

Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	HLSC 4310U - Altered Physiology IV: Pharmacological Interactions	HLSC 2461U or HLSC 2463U or HLSC 4412U		HLSC 4805U – Non-communicable Diseases: Current Issues and Emerging Trends	HLSC 3820U
	HLSC 4807U - Perspectives in Aging	60 Credit Hours		HLSC 4808U - Exploring Mental Health & Developmental Disabilities	84 Credit Hours
	HLSC 4996U - Research Applications I OR	HLSC 3910U Credit restriction(s): HLSC 4994U, HLSC 4998U		HLSC 4997U - Research Applications II OR	HLSC 4996U Credit restriction(s): HLSC 4995U, HLSC 4999U
	HLSC 4998U - Research Practicum I	HLSC 3910U and Instructor Permission Credit restriction(s): HLSC 4994U, HLSC 4996U		HLSC 4999U - Research Practicum II	HLSC 4998U Credit restriction(s): HLSC 4995U, HLSC 4997U
	3000/4000 Level Health Science Elective			3000/4000 Level Health Science Elective	
	Open Elective			3000/4000 Level Health Science Elective	

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

* **Note:** Students in the Human Health Science Specialization are encouraged to take HLSC 2400U – Introduction to Movement Neuroscience.