

Bachelor of Health Science - Human Health Science Specialization 2025-2026

The below is a suggested program summary. Actual offerings may differ from semester 1 to 2.

Year 1	Semester 1	Prerequisite(s)	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 - Human Anatomy & Physiology I		HLSC 1201U - Human Anatomy & Physiology II	HLSC 1200U
	HLSC 1701U - Information Literacy & Written Comm		HLSC 1811U - Social Determinants of Health	HLSC 1701U; Credit restriction(s): HLSC 1812U
	HLSC 1810U - Health Promotion/Healthy Active Liv.		PSYC 1000U - Introductory Psychology	
Year 2	Semester 1	Prerequisite(s)	Semester 2	Prerequisite(s)
	HLSC 2130U - Public Health Microbiology	HLSC 1201U	HLSC 2030U - Interpersonal & Interprofessional	HLSC 1701U
	HLSC 2462U - Altered Physiology: Mechanisms of Disease I	HLSC 1201U or HLSC 2202U; Restriction: HLSC 2460U	HLSC 2110U - Foundations in Clinical & Exercise Biochemistry	Restriction: HLSC2402U
	HLSC 2465U - Anatomy & Physiology III: Cells and Tissues	HLSC 1201U	HLSC 2463U - Altered Physiology: Mechanisms of	HLSC 2462U; Restriction: HLSC2461U
	HLSC 2802U - Intro the Canadian Health Care Sys	HLSC 1701U	HLSC 3800U – Intro to Statistics for Health Sciences	24 Credit Hours
	HLSC 3820U - Public Health I	HLSC 1811U or HLSC 1812U	Open Elective*	
Year 3	Semester 1	Prerequisite(s)	Semester 2	Prerequisite(s)
	HLSC 2825U - Nutrition and Health	HLSC 1201U or HLSC 2202U; Restriction: 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	HLSC 3800U	HLSC 3710U - Ethics	24 Credit Hours; Restrictions: HLSC 3711U, HLSC 3712U
	Health Science Elective		Health Science Elective	
	Open Elective		Open Elective	
Year 4	Semester 1	Prerequisite(s)	Semester 2	Prerequisite(s)
	HLSC 4310U - Altered Physiology IV: Pharmacological Interactions	HLSC 2461U or HLSC 2463U or KINE 4412U	HLSC 4805U – Non-Communicable Diseases	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 4998U - Research Practicum I (with instructor permission)	HLSC 3910U. Restriction(s): HLSC 4994U, HLSC 4998U HLSC 3910U. Restriction(s): HLSC 4994U, HLSC 4996U	HLSC 4997U - Research Applications II OR HLSC 4999U - Research Practicum II (with instructor permission)	HLSC 4996U Restriction(s): HLSC 4995U, HLSC 4999U HLSC 4998U 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: KINE 2050U – Introduction to Movement Neuroscience is a recommended elective for students in the Human Health Sciences specialization.