

## Bachelor Of Health Science - Kinesiology - Rehabilitation Pathway 2016-2017

Year 1 (2016/17) - Follow map for Exercise Science or Health & Wellness					
Done	Semester 1	Prerequisite(s)	Done	Semester 2	Prerequisite(s)
	BIOL 1010U - Biology I			BIOL 1020U - Biology II or Open Elective	BIOL 1010U
	CHEM 1010U - Chemistry I or Open elective			CHEM 1020U - Chemistry II or Open Elective	CHEM 1010U
	HLSC 1200U - Anatomy & Physiology I			HLSC 1201U - Anatomy & Physiology II	HLSC 1200U
	HLSC 1701U - Information Literacy and Written Communications for the Health Sciences			HLSC 1812U - Socio-cultural Perspectives on Physical Activity & Health	HLSC 1702U or HLSC 1701U
	HLSC 1810U - Health Promotion & Healthy Active Living			PSYC 1000U - Introductory Psychology	
Year 2 (2017/18)					
	Semester 1	Prerequisite(s)		Semester 2	Prerequisite(s)
	HLSC 2400U - Intro to Movement Neuroscience	HLSC 1201U		HLSC 2110U - Foundations in Clinical and Exercise Biochemistry	Credit Restriction BIOL 2040U
	HLSC 2462U - Altered Physiology: Mechanisms of Disease I	HLSC 1201U or HLSC 2202U; Credit Rest: HLSC 2460U		HLSC 3800U - Critical Appraisal of Statistics in Health Sciences	24 credit hours
	HLSC 2401U - Human Growth and Motor Development	HLSC 1201U, PSYC 1000U		HLSC 3471U - Intro to Injury Management	HLSC 3470U, HLSC 2462U Credit Rest: HLSC 2463U, HLSC 2461U
	HLSC 3470U - Kinesiology I: Anatomy of Human Movement	HLSC 1201U CoReq: HLSC 2400U		HLSC 3481U - Exercise Physiology	HLSC 1201U
	PHY 1810U - Physics for Health Science			Open Elective	
Year 3 (2018/19)					
	Semester 1	Prerequisite(s)		Semester 2	Prerequisite(s)
	HLSC 3020U - Health & Exercise Psychology	PSYC 1000U		HLSC 3410U - Human Motor Control and Learning	HLSC 3470U
	HLSC 3480U - Principles of Fitness Assessment & Exercise Prescription	HLSC 3470U, HLSC 3481U		HLSC 3711U - Professional Ethics & Communication in Kinesiology	24 credit hours
	HLSC 3910U - Research Methods for Health Care Professionals: Theory and Application	HLSC 3800U		HLSC 4412U - Exercise Rehabilitation I: Cardiac, Respiratory and Metabolic Conditions	HLSC 3480U, HLSC 3481U
	HLSC 4471U - Kinesiology II: Musculoskeletal Biomechanics	HLSC 3470U, PHY 1810U		HLSC 4475U - Occupational Ergonomics	HLSC 4471U, Credit Rest. HLSC 4472U
	HLSC 4473U - Practical Human Anatomy I: Back and Lower Limbs	HLSC 3470U		HLSC 4474U - Practical Human Anatomy II: Head, Neck and Upper Limbs	HLSC 3470U
Year 4 - Begin 1st year (of 4) at CMCC					
or					
If student changes his/her mind, or they do not receive final admission offer from CMCC, student may complete their final year for UOIT degree below:					
Year 4 (2019/20)					
	Semester 1	Prerequisite(s)		Semester 2	Prerequisite(s)
	HLSC 4413U - Exercise Rehabilitation II: Integrated Case Studies	HLSC 3480U, HLSC 3481U		Open Elective	
	HLSC 4414U - Advanced Topics in Neuromuscular Physiology and Pathophysiology	HLSC 3410U		HLSC 4476U - Clinical Biomechanics	HLSC 4475U, Credit Rest. HLSC 4472U
	HLSC 4994U - Research Applications for Kinesiology <b>OR</b> HLSC 4998U - Research Practicum I	HLSC 3910U <b>OR</b> HLSC 3910U and application acceptance		HLSC 4995U - Kinesiology Research to Practice <b>OR</b> HLSC 4999U - Research Practicum II	HLSC 4994U <b>OR</b> HLSC 4998U
	HLSC 4482U - Advanced Exercise Assessment and Prescription	HLSC 3480U		Open Elective (2000 level or higher)	
	HLSC 2825U - Nutrition and Health			Kinesiology Elective (3000 - or 4000 Level)	