

Bachelor Of Health Science - Kinesiology - Rehabilitation Pathway 2019-2020

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 (2019/20)

| Done | Semester 1 | Prerequisite(s) | Done | Semester 2 | Prerequisite(s) |
|------|--|--|------|--|-----------------|
| | BIOL 1010U - Biology I OR | Credit restriction(s): BIOL 1011U, BIOL 1840U and BIOL 1841U | | BIOL 1020U - Biology II OR | BIOL 1010U |
| | BIOL 1011U – Introductory Cell and Molecular Biology OR | Credit restriction(s): BIOL 1010U, BIOL 1840U and BIOL 1841U | | Open Elective | |
| | BIOL 1841U – Essentials of Biology | Credit restriction(s): BIOL 1010U, BIOL 1011U and BIOL 1840U | | | |
| | CHEM 1010U - Chemistry I OR | | | CHEM 1020U - Chemistry II OR | CHEM 1010U |
| | Open Elective | | | Open Elective | |
| | HLSC 1200U - Human Anatomy & Physiology I | | | HLSC 1201U - Human 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 1701U |
| | HLSC 1810U - Health Promotion & Healthy Active Living | | | PSYC 1000U - Introductory Psychology | |

Year 2 (2020/21)

| Done | Semester 1 | Prerequisite(s) | Done | Semester 2 | Prerequisite(s) |
|------|--|--|------|--|--|
| | HLSC 2400U - Intro to Movement Neuroscience | HLSC 1201U | | HLSC 2480U – Exercise Biochemistry | Credit Restriction(s): HLSC 2110U |
| | HLSC 2401U - Human Growth and Motor Development | HLSC 1201U, PSYC 1000U | | HLSC 3475U - Intro to Injury Management | HLSC 1201U, HLSC 3470U; Credit Restriction(s): HLSC 3472U |
| | HLSC 2462U - Altered Physiology: Mechanisms of Disease I | HLSC 1201U or HLSC 2202U; Credit Restriction(s): HLSC 2460U | | HLSC 3481U - Exercise Physiology | HLSC 1201U |
| | HLSC 2702U - Quantitative Reasoning for Kinesiology | HLSC 1200U; Credit Restriction(s): PHY 1810U | | HLSC 3800U - Critical Appraisal of Statistics in Health Sciences | 24 Credit Hours |
| | HLSC 3470U - Kinesiology I: Anatomy of Human Movement | HLSC 1201U; Co-Requisite(s): HLSC 2400U | | Open Elective | |

Year 3 (2021/22)

| Done | Semester 1 | Prerequisite(s) | Done | 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 3711U - Professional Ethics & Communication in Kinesiology | 24 Credit Hours; Credit Restriction(s): HLSC 3710U, HLSC 3712U |
| | 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 2702U, HLSC 3470U | | HLSC 4475U - Occupational Ergonomics | HLSC 4471U; Credit Restriction(s): HLSC 4472U |
| | HLSC 4473U - Practical Human Anatomy I: Back and Lower Limbs @ CMCC | HLSC 3470U | | HLSC 4474U - Practical Human Anatomy II: Head, Neck and Upper Limbs @ CMCC | 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 (2022/23)

| Done | Semester 1 | Prerequisite(s) | Done | Semester 2 | Prerequisite(s) |
|------|--|---|------|---|---|
| | HLSC 2825U - Nutrition and Health | | | Open Elective | |
| | HLSC 4413U - Exercise Rehabilitation II: Integrated Case Studies | HLSC 3480U, HLSC 3481U | | Open Elective (2000 Level or Higher) | |
| | HLSC 4414U - Advanced Topics in Neuromuscular Physiology and Pathophysiology | HLSC 3410U | | Kinesiology Elective (3000 or 4000 Level) | |
| | HLSC 4482U - Advanced Exercise Assessment and Prescription | HLSC 3480U | | HLSC 4476U - Clinical Biomechanics | HLSC 4475U; Credit Restriction(s): HLSC 4472U |
| | HLSC 4994U - Research Applications for Kinesiology OR | HLSC 3711U, HLSC 3910U Credit restriction(s): HLSC 4996U, HLSC 4998U | | HLSC 4995U - Kinesiology Research to Practice OR | HLSC 4994U Credit restriction(s): HLSC 4997U, 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 |

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