Required Subject (Core) Areas – Minimum of 50% content must be in the named course	Within any given required area, a maximum of 1 course/3 credits/36 hours of study will be counted. Additional courses (3 credits/36 hours) can be counted in the Other Category.			**FOR BCAK use only**
Course: List the name and number of course as it appears on your transcript – note a course can only be used once.	**Post Secondary Institution** List the university or college where the course was taken.	**Documentation** List the document that describes the course and that you will provide.	# of courses/hours/credits	
Biomechanics of Human Movement and Tissues	Fundamentals of mechanics as applied to the execution and control of human movement, including consideration of anthropometry, kinematics, and kinetics. May include application to occupational biomechanics and ergonomics.			
KIN 400	VIU	Course outline	3 credits	
Clinical Kinesiology Assessment	Techniques to assess the components of physical fitness; orthopedic techniques and tests for injury/dysfunction, such as selective tissue tension testing (STT); common neurological screening tests for muscle strength, sensation, basic reflexes and gait; functional movement testing.			
KIN 232 OR one of KIN 492C, KIN 492E	VIU	Course Outline	3 credits	
Clinical (Advanced) Exercise Prescription	Basic and advanced principles of exercise prescription, including client screening, program design, implementation, and progression for enhancing and/or improving human health and performance in both non-clinical and selected clinical populations.			
KIN 492B	VIU	Course Outline	3 credits	
Human Systems Anatomy (Applied Human Anatomy)	Systematic study of human anatomy with emphasis on functional application. A comparative study of organs, tissues and body systems using laboratory dissections/models to provide an understanding of the three-dimensional organization of the human body.			
KIN 201 or KIN 301	VIU	Course Outline	3 credits	
Human Exercise Physiology	Assessment of the human physiological responses and adaptations to acute and chronic exercise, including the cardiorespiratory, cellular, and metabolic adaptations in health, disease, and performance.			
KIN 302	VIU	Course Outline	3 credits	
Human Motor Control and Learning (Neuroscience)	Study of the concepts in the sensorimotor planning and control of movement, including factors and disorders affecting movement, sensory and motor physiology, sensorimotor integration, current theories of motor control and motor learning.			
KIN 202	VIU	Course Outline	3 credits	
Human Systems Physiology	Study of human physiology and pathophysiology of the cardiovascular, nervous, renal, respiratory, skeletal, musculotendinous, and reproductive systems, as well as the mechanisms of regulation and integration by the endocrine, gastrointestinal, immune, and neurological systems. Anatomy of structures is detailed when it is critical to understanding function.			

KIN 220	VIU	Course Outline	3 credits	
Research Methods and Evidence-Based Practice	Knowledge of the strengths and weaknesses of qualitative and quantitative research methods, including critical analysis and evaluation of research studies and methods, with emphasis on understanding evidence-informed practice and best-practices in kinesiology.			
KIN 391	VIU	Course Outline	3 credits	
Human Growth and Development	Study of physiological growth and development from conception to maturity, including the factors affecting growth, physical activity behaviour, and human motor performance.			
KIN 280	VIU	Course Outline	3 credits	
Human Nutrition and Metabolism	Fundamentals of nutrition (macro and micro nutrient) as it relates to human health and performance, in healthy and unhealthy populations.			
KIN 253 or KIN 352	VIU	Course Outline	3 credits	
Kinesiology Professional Practice & Jurisprudence	Essential aspects of medical, legal and ethical issues related to professional healthcare practice, includes charting & record keeping, interdisciplinary practice, and human rights.			
KIN 371	VIU	Course Outline	3 credits	
Prevention and Rehabilitation of Sports Injuries	Fundamentals of the structural and functional characteristics of the musculoskeletal and sense organs with regards to the prevention of injury in sport. Knowledge applied within a practice setting to facilitate learning of common rehabilitation treatments and modalities.			
KIN 401	VIU	Course Outline	3 credits	
Psychology and/or Sociology of Health & Human Movement (Behaviour Change/ Modification)	Fundamentals of the psychological and/or sociological factors that influence health behaviours in participation of physical activity for enhancement of physical wellness, sport and recreation performance, chronic disease management and injury/illness recovery.			
KIN 262 or one of KIN 362, Kin 460, or Kin 230 AND Kin 252	VIU	Course Outline	3 credits	
Special Populations Health	Knowledge and considerations essential to working with special populations, including the study of population health. Practical knowledge and understanding of the pathology/pathophysiology of common diseases or disorders including chronic disease and diseases of aging, neurological, orthopedic and/or mental health disorders, persons with disabilities, and epidemiology/population health.			
KIN 351 OR one of KIN 365, KIN 480, KIN 492D	VIU	Course Outline	3 credits	
Where multiple courses are listed above, only one course is to be allocated in each of the above topics (unless the courses are linked by the word 'and') – the unused courses are to be allocated to the electives category (minimum of 16 required). Note: A course can only be allocated once either as a Core or as an Elective (i.e. it cannot appear in multiple categories).				

OTHER (Elective) Courses List the name and number of the course as it appears on your transcript	**Post Secondary Institution** List the university or college where the course was taken	**Documentation** List the document that describes the course and that you will provide	# of courses/hours/ credits	**FOR BCAK use only**
Below List OTHER Kinesiology Subjects (by course)	Use this category to list other courses that you have completed directly related to kinesiology **(a minimum of 16 courses required**) – do not include any courses used above.			
KIN 103 and/or KIN 128 and/or KIN 138 = 1 course (i.e. 2 of these courses = 1)	VIU	Course Outline	3 credits	
KIN 131 and KIN 132 = 1 course	VIU	Course Outline	3 credits	
KIN 192C and KIN 192B = 1 course	VIU	Course Outline	3 credits	
KIN 203	VIU	Course Outline	3 credits	
KIN 222	VIU	Course Outline	3 credits	
KIN 248	VIU	Course Outline	3 credits	
KIN 260	VIU	Course Outline	3 credits	
KIN 291	VIU	Course Outline	3 credits	
Kin 292B	VIU	Course Outline	3 credits	
Kin 360	VIU	Course Outline	3 credits	
KIN 373	VIU	Course Outline	3 credits	
KIN 380	VIU	Course Outline	3 credits	
KIN 451	VIU	Course Outline	3 credits	
KIN 461	VIU	Course Outline	3 credits	
KIN 473	VIU	Field Placement – provide summary description of activities, organization/location and hours	3 credits	
KIN 474	VIU	Field Placement – provide summary description of activities, organization/location and hours	3 credits	
KIN 490	VIU	Directed Study: provide summary description	3 credits	
KIN 491	VIU	Scholarship in Kinesiology – provide summary description of topic/content	3 credits	
KIN 492A (Biomechanics topic	VIU	Special Topics course-provide summary description of topic	3 credits	
HHS 276	VIU	Course Outline	3 credits	

PHIL 448	VIU	Course Outline	3 credits	
PSYC 205	VIU	Course Outline	3 credits	
PSYC 315	VIU	Course Outline	3 credits	
PSYC 326	VIU	Course Outline	3 credits	
PSYC 327	VIU	Course Outline	3 credits	
Foundational Science courses: BIOL 123, CHEM 140, PHYS 111, MATH 161, MATH 181, MATH 203 - up to a maximum of 4 (3 credit courses)				

Additional Notes:

- Acceptance for the first 14 subjects as a core course does **not** mean that the Professional Competency Exam (PCE) questions in this subject are limited to the educational materials offered at an institution, as the examination will cover the professional core competencies, which relate to athletic and clinical populations at an acute and functional level.