Honours Bachelor of Science (Kinesiology and Health Studies) for Graduates of St. Clair College's Occupational Therapist Assistant/Physiotherapist Assistant Program (with/without thesis)

Admission Requirements

A student may enter the Honours Bachelor of Science (Kinesiology and Health Studies) after completing the two-year Diploma in Occupational Therapy Assistant/Physiotherapy Assistant with a cumulative average equivalent to a 70% (B- or 3.0/4) or better.

Degree Requirements

Total Courses: 30

(a) Human Kinetics Core Courses (TAKE ALL 4 COURSES):
o KINE-1000. Health and Wellness
o KINE-2250. Ethics in Kinesiology
o KINE-2690. Measurement and Evaluation
o KINE-2700. Research Design

(b) Required Kinesiology and Health Studies Courses (TAKE ALL 7 COURSES):
o KINE-1110. Principles of Mental Skills Training
o KINE-1660. Functional Anatomy II
o KINE-1800. Fundamental Mechanics of Human Motion
o KINE-2040. Sport Nutrition
o KINE-2100. Human Performance
o KINE-2240. Physical Ergonomics and Injury Prevention
o KINE-2600. Physiology of Human Performance

(c)Kinesiology and Health Studies Course (SELECT 8 COURSES):
o KINE-3010. The Use and Abuse of Drugs
o KINE-3020. Exercise Psychology
o KINE-3030. Imagery Effects on Performance
o KINE-3060. Obesity and Eating Disorders
o KINE-3100. Motor Learning and Control
o KINE-3330. Applied Sport Psychology
o KINE-3501. Practical Strategies for Social Change: Intervening to Prevent Sexual Violence
o KINE-3600. Respiratory Physiology
o KINE-3610. Musculoskeletal Physiology
o KINE-3630. Cognitive Ergonomics
o KINE-3150. Scientific Principles of Strength and Conditioning
o KINE-3770. Sport Tactics and Strategies

o KINE-3800. Global Perspectives in Human Kinetics
o KINE-4000. Human Movement and Aging
o KINE-4040. Population Health
o KINE-4080. Dynamics of Skill Acquisition
o KINE-4100. Adapted Physical Activity
o KINE-4150. Fundamentals and Application of Sport Science
o KINE-4330. Selected Topics in Sport Leadership
o KINE-4530. Perceptual-Motor Development
o KINE-4580. The Endocrine System in Sport, Exercise and Health
o KINE-4600. Cardiovascular Physiology
o KINE-4610. Clinical Exercise Rehabilitation
o KINE-4620. Exercise in Extreme Environments
o KINE-4630. Applied Neurophysiology
o KINE-4640. The Pathophysiology of Pain
o KINE-4650. Advanced Physical Ergonomics and Injury Prevention
o KINE-4660. Cardiac Rehabilitation
o KINE-4670. User Experience
o KINE-4710. Sports Therapy
o KINE-4750. Individual Studies[1,3]
o KINE-4760. Principles of Coaching
o KINE-4770. Outdoor Recreation
o KINE-4780. Undergraduate Thesis (6.0 credits)[1,2]
o KINE-4800. Advanced Biomechanics
o KINE-4850. Group Dynamics in Sport
o KINE-4900. Special Topics in Kinesiology and Health Studies
o KINE-4980. Internship (4 months)[1,3]

(d) Kinesiology and Health Studies Labs (SELECT 2 COURSES):
o KINE-4920. Laboratory Experiences in Kinesiology I
o KINE-4930. Laboratory Experiences in Kinesiology II

(e) four courses (at the 2000 level or above) from the Faculty of Engineering, the Faculty of Nursing, Department of Psychology, the Faculty of Science and/or the Faculty of Education (Minor in Organizational Learning and Teaching only).

(f) five courses from any area of study, excluding KINE courses.

Notes:

1. Students can take a maximum of 12 credits from KINE-4750, KINE-4780, and KINE-4980
2. KINE-4780 is a 6.0 credit course, and as such, students successfully completing KINE-4780 will be required to take only 6 of the Kinesiology and Health Studies courses listed in section (c).
[3]KINE-4750 can be taken a maximum of 2 times (KINE-4750-01 and -02). KINE-4980 can be taken a maximum of 2 times (KINE-4980-01 and -02).