

Bachelor of Human Kinetics (Honours Kinesiology – Movement Science) for Graduates of Fanshawe College's Two-Year Fitness and Health Promotion Program

Degree Requirements (Program Record Form)

Total Courses: **25**

(a) Kinesiology - Movement Science Required Courses (TAKE **ALL**):

- | | |
|--|---|
| <input type="checkbox"/> KINE-1110. Principles of Mental Skills Training | <input type="checkbox"/> KINE-2250. Ethics in Sport and Physical Activity |
| <input type="checkbox"/> KINE-2100. Human Performance | <input type="checkbox"/> KINE-2690. Measurement and Evaluation |
| <input type="checkbox"/> KINE-1660. Functional Anatomy II | <input type="checkbox"/> KINE-2700. Research Design |
| <input type="checkbox"/> KINE-1800. Fundamental Mechanics of Human Motion | <input type="checkbox"/> KINE-2040. Sport Nutrition |
| <input type="checkbox"/> KINE-2240. Introduction to Occupational Biomechanics/Ergonomics | <input type="checkbox"/> KINE-2850. Human Growth and Development |

(b) Kinesiology - Movement Science Elective Courses (SELECT **6**):

- | | |
|--|---|
| <input type="checkbox"/> KINE-3010. Use and Abuse of Drugs | <input type="checkbox"/> KINE-4600. Cardiovascular Physiology |
| <input type="checkbox"/> KINE-3020. Exercise and Fitness Psychology | <input type="checkbox"/> KINE-4610. Chronic Disease and Exercise Rehabilitation |
| <input type="checkbox"/> KINE-3030. Imagery Effects on Performance | <input type="checkbox"/> KINE-4620. Exercise in Extreme Environments |
| <input type="checkbox"/> KINE-3060. Obesity and Eating Disorders | <input type="checkbox"/> KINE-4630. Applied Neurophysiology |
| <input type="checkbox"/> KINE-3100. Motor Learning and Control | <input type="checkbox"/> KINE-4640. The Pathophysiology of Pain |
| <input type="checkbox"/> KINE-3330. Applied Sport Psychology | <input type="checkbox"/> KINE-4650. Ergonomics and Injury Prevention |
| <input type="checkbox"/> KINE-3501. Practical Strategies for Social Change: Intervening to Prevent Sexual Violence | <input type="checkbox"/> KINE-4660. Cardiac Rehabilitation |
| <input type="checkbox"/> KINE-3600. Physiology of Exercise and Respiration | <input type="checkbox"/> KINE-4670. User Experience |
| <input type="checkbox"/> KINE-3610. Musculoskeletal Physiology | <input type="checkbox"/> KINE-4710. Physiological Basis of Sports Therapy |
| <input type="checkbox"/> KINE-3620. Human Factors and Performance | <input type="checkbox"/> KINE-4750. Individual Studies |
| <input type="checkbox"/> KINE-3630. Cognitive Ergonomics | <input type="checkbox"/> KINE-4760. Principles of Coaching |
| <input type="checkbox"/> KINE-4000. Human Movement and Aging | <input type="checkbox"/> KINE-4770. Outdoor Recreation |
| <input type="checkbox"/> KINE-4040. Population Health | <input type="checkbox"/> KINE-4780. Undergraduate Thesis (6 units) |
| <input type="checkbox"/> KINE-4080. Dynamics of Skill Acquisition | <input type="checkbox"/> KINE-4800. Advanced Biomechanics |
| <input type="checkbox"/> KINE-4100. Physical Activity for Special Populations | <input type="checkbox"/> KINE-4850. Group Dynamics in Sport |
| <input type="checkbox"/> KINE-4530. Perceptual Motor Development | <input type="checkbox"/> KINE-4900. Special Topics in Movement Science |
| <input type="checkbox"/> KINE-4580. The Endocrine System in Sport, Exercise and Health | |

(c) Kinesiology – Movement Science Laboratory Courses (SELECT **2**):

- KINE-4910. Laboratory Experiences in Biomechanics and Ergonomics
- KINE-4920. Laboratory Experiences in Human and Exercise Physiology
- KINE-4930. Laboratory Experiences in Motor Learning and Psychology of Physical Activity

(d) **6** (six) courses 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).

(e) **1** (one) course from any area of study, excluding Kinesiology.

NOTE: Of the 6 courses in requirements (c) all must be at the 2000 level or above. Transfer credit obtained through this articulation agreement is subject to re-evaluation in cases where the student decides to transfer into another program at the University.

Suggested Course Sequencing

(note: deviation from this sequencing may result in additional time to program completion)

Year 1						
Fall				Winter		
1	<input type="checkbox"/>	KINE-1110	Principles of Mental Skills Training	1	<input type="checkbox"/>	KINE-2250 Ethics in Sport and Physical Activity(x)
2	<input type="checkbox"/>	KINE-1800	Fundamental Mechanics of Human Motion	2	<input type="checkbox"/>	KINE-2100 Human Performance
3	<input type="checkbox"/>	KINE-2700	Research Design (x)	3	<input type="checkbox"/>	KINE-1660 Functional Anatomy II
4	<input type="checkbox"/>	____-____	Non-Kin-MS Option	4	<input type="checkbox"/>	____-____ Non-Kin-MS Option
5	<input type="checkbox"/>	____-____	Non-Kin-MS Option	5	<input type="checkbox"/>	____-____ Non-Kin-MS Option
Year 1						
Interession/Summer						
1	<input type="checkbox"/>	KINE-2690	Measurement and Evaluation (x)			
2	<input type="checkbox"/>	KINE-2040	Sport Nutrition			
3	<input type="checkbox"/>	KINE-2850	Human Growth and Development			
4	<input type="checkbox"/>	____-____	Non-Kin-MS Option			
5	<input type="checkbox"/>	____-____	Non-Kin-MS Option			
Year 2						
Fall				Winter		
	<input type="checkbox"/>	KINE-2240	Introduction to Occupational Biomechanics/Ergonomics			
Take 2 of:						
	<input type="checkbox"/>	KINE-4910	Laboratory Experiences in Biomechanics and Ergonomics			
	<input type="checkbox"/>	KINE-4920	Laboratory Experiences in Human and Exercise Physiology			
	<input type="checkbox"/>	KINE-4930	Laboratory Experiences in Motor Learning and Psychology of Physical Activity			
Take 6 of (# dependent on courses taken in year 1 and 2):						
	<input type="checkbox"/>	KINE-3010	Use and Abuse of Drugs		<input type="checkbox"/>	KINE-4580 The Endocrine System in Sport
	<input type="checkbox"/>	KINE-3020	Exercise and Fitness Psychology		<input type="checkbox"/>	KINE-4600 Cardiovascular Physiology
	<input type="checkbox"/>	KINE-3030	Imagery Effects on Performance		<input type="checkbox"/>	KINE-4610 Chronic Disease and Exercise Rehabilitation
	<input type="checkbox"/>	KINE-3060	Obesity and Eating Disorders(x)		<input type="checkbox"/>	KINE-4620 Exercise in Extreme Environments
	<input type="checkbox"/>	KINE-3100	Motor Learning and Control		<input type="checkbox"/>	KINE-4630 Applied Neurophysiology
	<input type="checkbox"/>	KINE-3330	Applied Sport Psychology(x)		<input type="checkbox"/>	KINE-4640 The Pathophysiology of Pain
	<input type="checkbox"/>	KINE-3501	Practical Strategies for Social Change: Intervening to Prevent Sexual Violence		<input type="checkbox"/>	KINE-4650 Ergonomics and Injury Prevention
	<input type="checkbox"/>	KINE-3600	Physiology of Exercise and Respiration		<input type="checkbox"/>	KINE-4660 Cardiac Rehabilitation
	<input type="checkbox"/>	KINE-3610	Musculoskeletal Physiology		<input type="checkbox"/>	KINE-4670 User Experience for Ergonomics
	<input type="checkbox"/>	KINE-3620	Human Factors and Work Perf		<input type="checkbox"/>	KINE-4710 Phys. Basis of Sports Therapy
	<input type="checkbox"/>	KINE-3630	Cognitive Ergonomics		<input type="checkbox"/>	KINE-4750 Individual Studies
	<input type="checkbox"/>	KINE-4000	Human Movement and Aging		<input type="checkbox"/>	KINE-4760 Principles of Coaching(x)
	<input type="checkbox"/>	KINE-4040	Population Health(x)		<input type="checkbox"/>	KINE-4770 Outdoor Recreation(x)
	<input type="checkbox"/>	KINE-4080	Dynamics of Skill Acquisition		<input type="checkbox"/>	KINE-4780 Undergraduate Thesis (6 units)
	<input type="checkbox"/>	KINE-4530	Perceptual Motor Development		<input type="checkbox"/>	KINE-4800 Advanced Biomechanics
					<input type="checkbox"/>	KINE-4850 Group Dynamics in Sport(x)
					<input type="checkbox"/>	KINE-4900 Special Topics in Movement Science
Take 1 (# dependent on courses taken in year 1 and 2):						
	<input type="checkbox"/>	____-____	Non-Kin-MS Option			