



Certificate in Human Factors and Ergonomics

Total Courses: 10 courses

Required Kinesiology Courses (Take ALL five)

1. <input type="checkbox"/>	KINE-3620	Human Factors and Performance	4. <input type="checkbox"/>	KINE-4670	User Experience for Ergonomics
2. <input type="checkbox"/>	KINE-3630	Fundamentals of Cognition for Ergonomics	5. <input type="checkbox"/>	KINE-4980	Internship*
3. <input type="checkbox"/>	KINE-4650	Ergonomics and Injury Prevention			

*Internships must be **directly related** to the field of human factors and ergonomics. Internships must be approved by the KINE 4980 instructor prior to beginning to ensure eligibility towards the certificate.

Elective Kinesiology Courses – Section I (Take three)

<input type="checkbox"/>	KINE-3100	Motor Learning and Control	<input type="checkbox"/>	KINE-4530	Perceptual-Motor Development
<input type="checkbox"/>	KINE-3610	Musculoskeletal Physiology	<input type="checkbox"/>	KINE-4640	Pathophysiology of Pain
<input type="checkbox"/>	KINE-4000	Human Movement and Aging	<input type="checkbox"/>	KINE-4800	Advanced Biomechanics
<input type="checkbox"/>	KINE-4080	Dynamics of Skill Acquisition			

Elective Non-Kinesiology Courses – Section II (Take one)

<input type="checkbox"/>	WORK-2000	Labour Law and Workers' Rights	<input type="checkbox"/>	WORK-2500	Worker Health and Safety
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* Due to limited course availability, it is recommended that you register for either WORK 2000 or WORK 2500 when offered.

Elective Kinesiology Courses – Section III (Take one)

<input type="checkbox"/>	KINE-4750	Individual Study*	<input type="checkbox"/>	KINE-4910	Laboratory Experiences in Biomechanics and Ergonomics**
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*Individual study must be completed in the human factors and ergonomics field.

**KINE 4910 is offered in alternating Winter semesters.