

Bachelor of Science, Kinesiology (BSc, KIN)
Exercise & Health Physiology Major
For Kinesiology Students Admitted in Fall 2015 onwards

It is the responsibility of the student to ensure graduation requirements are met. Program details may be found in the University of Calgary [Academic Calendar](#)

Units	Core (54 units)	
3	KNES 201	Activity: Essence and Experience
3	KNES 203	Activity: Health, Fitness, and Performance
3	KNES 213	Introduction to Research in Kinesiology
3	KNES 237	Introduction to Nutrition
3	KNES 244	Introduction to Socio-Cultural Aspects of Sport
3	KNES 251	Introduction to Motor Control and Learning
3	KNES 253	Introduction to Exercise and Sport Psychology
3	KNES 259	Human Anatomy and Physiology I
3	KNES 260	Human Anatomy and Physiology II
3	KNES 263	Quantitative Biomechanics
3	KNES 323	Integrative Human Physiology
3	KNES 344	Gender, Sexuality and Sport
3	One of	KNES 351 Cognition and Learning in Human Movement, KNES 397 Health and Exercise Psychology or KNES 399 Sport Psychology
3	KNES 355	Human Growth and Development
3	KNES 363	Biomechanics of Biological Materials
3	KNES 372	Foundations of Sport Medicine
3	KNES 373	Exercise Physiology
3	One of	STAT 205 Introduction to Statistical Inquiry or STAT 213 Introduction to Statistics
* EXHP majors are recommended to take STAT 213		
Exercise & Health Physiology Major Requirements (33 units)		
3	CHEM 201	General Chemistry: Structure and Bonding
3	CHEM 203	General Chemistry: Change and Equilibrium
3	CHEM 351	Organic Chemistry I
3	BCEM 341	Biochemistry of Life Processes
3	KNES 375	Tests and Measurements in Kinesiology
3	KNES 433	Health and Physical Activity
9	Three of:	KNES 365 Sensorimotor Neuroscience, 377 Sports Injury Prevention, 413 Motivation in Physical Activity, Exercise and Sport, 437 Advanced Nutrition, 465 Adaptation to Environmental Stress, 469 Topics in Sport Medicine, 475 Physiology of Athletic Performance, 479 Advanced Fitness Appraisal and Exercise Prescription, 485 Skeletal Muscle Properties, 493 Epidemiology of Health and Physical Activity, or 495 Physiological Aspects of Aging, Disease, and Physical Activity.
3	One of:	MATH 249 or 265 (251 or 281 prior to 2015)
3	One of:	KNES 441 Practicum A (3 units, Fall or Winter) or KNES 490* Interpretation of Research and Research Project (6 units, Fall & Winter)

*Students with KNES 490 need only 3 units from this category

SENIOR KINESIOLOGY OPTIONS (6 units)

3 _____ 3 _____

OPTIONS - KINESIOLOGY OR NON-KINESIOLOGY, JUNIOR OR SENIOR (27 units)

3 _____ 3 _____ 3 _____ 3 _____

3 _____ 3 _____ 3 _____ 3 _____

3 _____

NOTE: A total of 120 units are required.

No more than 60 units may be transfer credit, of those no more than 27 may be core courses.

No more than 60 units at the 200 level may be applied to any Kinesiology degree.

At least 15 units of non-Kinesiology courses are required.

No more than 45 units of non-Kinesiology courses may be used toward Kinesiology degree requirements.