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| UC-vert-rgb | **FACULTY OF KINESIOLOGY**Graduate Program Officeknesgrad@ucalgary.ca  |

**Graduate Assistantship (Teaching) Application**

Submit application to knesgrad@ucalgary.ca by April 1

DECISIONS WILL BE MADE BY JUNE 30

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| **NAME:** |  | **UCID:** |  |
| **SUPERVISOR:** |  | **DEGREE PROGRAM:** | Ph.D. M.SC M.Kin. |
| **EMAIL:** |  | **ADMISSION DATE** | MMYYYY |
| **Will you be undertaking your MSc or PhD Thesis Oral Examination during the upcoming year?** |
|  No  |  Yes | Anticipated Date: MMYYYY |

Please indicate your top three choices for TA duties. Optional space if you have more choices. TA opportunities are listed on the 2nd page.

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|  | **FALL 2019** | **(Optional)** | **FALL 2019** |
| **Choice #1** |  | **Choice #4** |  |
| **Choice #2** |  | **Choice #5** |  |
| **Choice #3** |  | **Choice #6** |  |
|  | **WINTER 2020** | **(Optional)** | **WINTER 2020** |
| **Choice #1** |  | **Choice #4** |  |
| **Choice #2** |  | **Choice #5** |  |
| **Choice #3** |  | **Choice #6** |  |

Please provide any supporting information you feel is relevant for the positions you’ve listed above (i.e. previous courses TAed, designations held, etc.). Please feel free to add extra space as required.

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**Scholarship Funding Information:**

Please provide information on all scholarships you will be receiving or have received for the current academic year. Examples include NSERC, SSHRC or Queen Elizabeth Scholarships.

**Spring/Summer 2019**

|  |  |
| --- | --- |
| **Scholarship Name** | **Amount** |
|  |  |
|  |  |

**September 2019**

|  |  |
| --- | --- |
| **Scholarship Name** | **Amount** |
|  |  |
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**January 2020**

|  |  |
| --- | --- |
| **Scholarship Name** | **Amount** |
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| ***Total of Scholarship*** | ***Amount*** |
| My total funding for the 2019-20 year |  |

**Teaching Assistantship Position Requests**

**REIMBURSEMENT:**

In Fall 2018 and Winter 2019 TAs were compensated at a rate of $8894.41 per unit (one semester, 12 hours per week).

**THE FOLOWING TA OPPORTUNITIES ARE AVAILABLE FOR 2019/20:**

**KNES 203 ACTIVITY: HEALTH, FITNESS, PERFORMANCE**

A variety of activities to experience the short-term benefits of exercise.

**This course is offered in both Fall and Winter.**

*There is a laboratory orientation for GA(T)s teaching this course.*

*This course requires GA(T)s to provide proof of the following certifications two weeks prior to the first day of classes:*

*Current CPR-C*

*Standard First Aid*

**KNES 213 INTRO TO RESEARCH IN KINESIOLOGY**

An introduction to research in kinesiology with an emphasis on understanding the research process, including basic statistical knowledge, and its relationship to critical thinking. Practical application of concepts through direct involvement in individual and group projects.

**This course is offered in both Fall and Winter.**

**KNES 251 INTRODUCTI0N TO MOTOR CONTROL AND LEARNING**

An introduction to neural and cognitive concepts underlying human behaviour in physical activity and health.

**This course is offered in Fall.**

**KNES 253 INTRODUCTION TO EXERCISE AND SPORT PSYCHOLOGY**

An introduction to the psycho-social concepts underlying an understanding of human behaviour in physical activity, sport, and health. **This course is offered in Winter.**

**KNES 259 & 260 HUMAN ANATOMY AND PHYSIOLOGY I & II**

The instructional approach is a combination of systematic and regional anatomy and physiology with some surface anatomy and radiologic considerations. General cell physiology, bone anatomy, neurophysiology and muscular physiology, as well as skeletal structure, types of connective tissues, structure of joints and muscles of the axial and appendicular skeleton will be covered. Laboratories utilize human tissue materials, anatomical models, charts, prosected cadavers and cadaver specimens. **Preference will be given to applicants interested in teaching both KNES 259 (Fall) and KNES 260 (Winter).**

**KNES 263 BIOMECHANICS I**

Basic principles of force system analysis, impulse-momentum, work-energy and particle kinematics applied to biological structures, including extensive mathematical analyses.

**This course is offered in Winter.**

**KNES 323 INTEGRATIVE HUMAN PHYSIOLOGY**

This course builds upon fundamental principles of human systems physiology, with a focus on how the integration of these physiological systems provides the means by which our bodies maintain homeostasis from the systemic down to the cellular level.

**This course is offered in Fall.**

*There is a laboratory orientation for GA(T)s teaching this course.*

*This course requires GA(T)s to provide proof of the following certifications two weeks prior to the first day of classes:*

*Biosafety I Introduction*

**KNES 363 BIOMECHANICS OF BIOLOGICAL MATERIALS**

Functional characteristics of muscle, bone, cartilage, tendon, ligament and joints as they relate to movement and loading of the locomotor system.

**This course is offered in Fall.**

**KNES 372 FOUNDATIONS OF SPORT MEDICINE**

An introduction to the common medical issues and injuries that affects the athlete related to sport and exercise.

**This course is offered in Fall.**

**KNES 373 EXERCISE PHYSIOLOGY**

The physiology of muscular exercise, physical conditioning, and training. The course will cover aspects of the nervous, muscular, cardiovascular and respiratory systems, and also present the material in the context of the effects of exercise on an integrated system. Short and long-term adaptations to exercise will be examined relative to health and human activity.

**This course is offered in both Fall and Winter.**

*There is a laboratory orientation for GA(T)s teaching this course.*

*This course requires GA(T)s to provide proof of the following certifications two weeks prior to the first day of classes:*

*Current CPR-C*

*Standard First Aid*

*Biosafety I Introduction*

*Biosafety III Bloodborne Pathogens*

*WHMIS and Safety for Laboratories*

**KNES 375 TESTS & MEASUREMENTS IN KNES**

Establishment of tests, criteria for selection of tests, measurement devices used to evaluate physiological status, human growth and skill levels in physical activity programs.

**This course is offered in Winter**

**ACTIVITY COURSE**

If you have expertise to teach activity courses, please specify in the comments section.

**This course *may be* offered in both Fall and Winter.**

**OTHER**

If you feel you have expertise to teach other Fall/Winter courses, please specify.

**This course *may be* offered in both Fall and Winter.**