TEACHING POSITION AVAILABLE – 25/26
KNPE 251* - Introduction to Statistics
School of Kinesiology and Health Studies
Queen's University, Kingston, ON CAN K7L 3N6

The School of Kinesiology and Health Studies at Queen's University invites applications from suitably qualified candidates interested in teaching a course in Introduction to Statistics (KNPE 251*). This is an in-person teaching, introductory course with an expected enrolment of 280 students. Candidates should have a M.A., M.Sc. or Ph.D, and teaching experience at the university level in Statistics or related discipline. This is a fall term appointment for the period September 1, 2025, to December 31st, 2025, with classes in session from September 3rd, 2025, to December 3rd, 2025.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous people, women, persons with disabilities, and 2SLGBTQ+ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority. Please indicate in your application if you have a valid legal work status in Canada. Applications from all qualified candidates will be considered in the applicant pool. In order to support your employment at Queen's, we require you to indicate whether or not you will need a work permit.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during this process, please contact: Michelle Shorey, Department Manager at skhs.manager@queensu.ca or 613-533-6000 ext. 74685.

The academic staff at Queen's University are governed by the *Collective Agreement* between the Queen's University Faculty Association (QUFA) and the University, which is posted at Collective Agreements/LoU's/MoA's.

Applications should include:

1. An expression of interest (1-2 pages max) that outlines the candidate's vision for the course including a list of possible topics and assessment strategies;
2. A complete and current curriculum vitae;
3. Letters of reference from two (2) referees, and;
4. Any other relevant materials the candidate wishes to submit for consideration such as a teaching dossier, etc.

Please arrange to have applications and supporting letters sent directly to skhs.manager@queensu.ca, to the attention of:

Dr. Samantha King, Director
School of Kinesiology and Health Studies
Queen's University
Kingston Ontario Canada K7L 3N6

Applications will be received until July 7th, 2025. Review of applications will commence shortly thereafter, and the final appointment is subject to budgetary approval. Additional information about the School of Kinesiology and Health Studies can be found at https://skhs.queensu.ca/.

Course Description:

KNPE 251* Introduction to Statistics / Units: 3.0

An introduction to the analysis of data from real life situations. Covers study design, descriptive and inferential statistics. Topics include probability, t-tests, regression, Chi-square tests, analysis of variance. Emphasis is in the foundation of statistical inference and practical application of statistical methods using statistical software.

Course Learning Hours: 126 (18 Lecture, 18 Laboratory, 42 Online Activity, 48 Private Study)
Student Contact Hours: 1 x 1.5 hr lecture /12 weeks; 1 x 1.5 hr labs / 12 weeks
Course Learning Outcomes:

1. Identify the features of a data set to determine how best to summarize and display it.
2. Choose the appropriate statistical test and provide the rationale for selection.
3. Compute basic parametric statistical tests to test hypotheses.
4. Interpret the results of statistical tests and data software output to draw valid conclusions.
5. Communicate results of statistical analyses with clear figures and text.
6. Apply knowledge of statistics and research design (e.g., sampling) to critically evaluate research findings.

Prerequisites: Level 2 or above in a HLTH or KINE plan

Posted: June 23rd, 2025