



FACULTY OF ARTS & SCIENCE
Teaching Assistant – CUPE 3902, Unit 1
September 1, 2021 - December 31, 2021

STA237H1F L0101 – Probability, Statistics and Data Analysis I
Qualifications & Description

Academic background in Statistical Sciences. PhD student (or graduate) in actuarial science, statistics or biostatistics. Candidates should be proficient in R Tidyverse and R Markdown. Proficiency/knowledge in most, if not all, of the course topics indicated below is preferred: An introduction to probability using simulation and mathematical frameworks, with emphasis on the probability needed for more advanced study in statistical practice. Topics covered include probability spaces, random variables, discrete and continuous probability distributions, probability mass, density, and distribution functions, expectation and variance, independence, conditional probability, the law of large numbers, the central limit theorem, sampling distributions. Computer simulation will be taught and used extensively for calculations and to guide the theoretical development.

Relevant Criterion

The need to acquire experience is the more relevant criterion than previous experience in respect of this posted position.

Duties

Your duties will include any or all of the following: grading term tests, invigilating term tests and final exams, grading homework and/or quizzes, setting tutorial quizzes.

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| Instructor: | TBA |
| Estimated Course Enrolment: | 300 students |
| Meeting Schedule: | Lectures: Tuesdays, 3pm-5pm Tutorials: Thursdays, 3pm-5pm |
| Approximate Hours of Work: | 75 hours (per position) |
| Approximate Number of Positions: | 4 |
| Rate of Pay: | UG/SGS I/II - \$46.70/hour (+4% vacation pay) |

Final availability of the position(s) is contingent upon enrolment, budgetary consideration and the determination of appointments as governed by the collective agreement.

Application Process

Application information is available at <https://www.statistics.utoronto.ca/employment-opportunities/cupe-positions-unit-1>. The deadline to submit your application is **July 21, 2021**. For more information, you may contact:

Priya Sivathason
700 University Avenue, Room 9160-6
Toronto, Ontario, M5G 1Z5
E-mail: jobapps.statistics@utoronto.ca

If during the application and/or selection process you require accommodation due to a disability, please contact jobapps.statistics@utoronto.ca.

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission. The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities. If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca. During employment, to request accommodation from the University, contact the supervisor or department chair and/or Health & Wellbeing Programs & Services at hwb@utoronto.ca. For more information about accommodations at U of T, please visit our [Accommodation webpage](#).

The hiring criteria for Teaching Assistant positions are academic qualifications, the need to acquire experience, previous experience and previous satisfactory employment under the provisions of this Collective Agreement.

Candidates who are members of Indigenous, Black, racialized and LGBTQ2S+ communities, persons with disabilities, and other equity seeking groups are encouraged to apply, and their lived experience shall be taken into consideration as applicable to the position.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

FACULTY OF ARTS & SCIENCE



Statistical Sciences UNIVERSITY OF TORONTO

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.

The position(s) posted above is (are) tentative, pending final course determinations and enrolments.

Positions posted here are open to Graduate Students in the School of Graduate Studies, Postdoctoral Fellows and Undergraduate Students in the University of Toronto.

Preference in hiring shall be given to Graduate Students enrolled in the School of Graduate Studies of the University of Toronto or those who have made application to be enrolled in the School of Graduate Studies of the University of Toronto.