



**Regular Posting**

**FACULTY OF ARTS & SCIENCE**  
**Teaching Assistant – CUPE 3902, Unit 1**  
**July 1, 2023 – August 31, 2023**

**STA261H1S – L0101, Probability and Statistics II**

A rigorous introduction to the theory of statistical inference and to statistical practice. Statistical models, parameters, and samples. Estimators for parameters, sampling distributions for estimators, and the properties of consistency, bias, and variance. The likelihood function and the maximum likelihood estimator. Hypothesis tests and confidence regions. Examples illustrating statistical theory and its limitations. Introduction to the use of a computer environment for statistical analysis.

**Qualifications**

- Applicants must be available to lead weekly tutorials
- Must demonstrate to have successfully completed an upper year course in mathematical statistics with an emphasis in statistical theory
- Good facilitation and presentation skills
- Good oral and interpersonal skills, particularly able to show tact when communicating with students

**Relevant Criterion**

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

**Duties**

Duties are in person unless otherwise indicated and will include any or all of the following: attending lectures, running tutorial sessions, facilitating and evaluating student engagement on online discussion boards, participating in training sessions, meeting with the instructors, holding office hours, grading student homework including written reports, and assisting with the grading of tests and exams.

*Duties of this position shall be performed on the St. George Campus.*

<b>Hours of work: approx.</b>	75 hours per TA
<b>Estimated Course Enrolment:</b>	200 students
<b>Tutorial Schedule:</b>	<a href="https://timetable.iit.artsci.utoronto.ca/summer2023">https://timetable.iit.artsci.utoronto.ca/summer2023</a>
<b>Rate of Pay:</b>	UG/SGS I/II - \$47.64/hour (+4% vacation pay)

**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 **April 4, 2023**. For more information, you may contact:

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# Statistical Sciences UNIVERSITY OF TORONTO

E-mail: [jobapps.statistics@utoronto.ca](mailto: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](mailto: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](mailto: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.

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.