DEPARTMENT OF GEOGRAPHY, GEOMATICS AND ENVIRONMENT
2025 SUMMER ACADEMIC SESSION
UNIVERSITY OF TORONTO MISSISSAUGA
Unit 1 CUPE 3902
Regular Posting

POSTING DATE: March 5, 2025
CLOSING DATE: March 26, 2025

The following Course Instructor positions are available in the Department of Geography, Geomatics and Environment at the University of Toronto Mississauga for the 2025 Summer Academic Session. This is a **regular posting** in accordance with the Collective Agreement between the Governing Council of the University of Toronto and CUPE 3902 (Unit 1). To be considered for a position applicants must submit the attached CUPE application form as well as their CV of no more than 3 pages and course evaluations, by email to the Chair, Laura Brown geography.admin@utoronto.ca. This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement. This position will require regular attendance at the UTM campus.

"Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail."

Salary: In accordance with the current CUPE 3902 Unit 1 Collective Agreement, the Course Instructor I rate of pay will be $9,276.01 for a Half (F/S) course. Pay rate is exclusive of vacation pay.

Sessional Dates (including Exam periods): May 1 – June 30, 2025 for F courses; July 1 – August 31, 2025 for S courses.

Note: Course instructor positions involve completion of any course grading remaining incomplete at the end of the academic session excluding deferred exams. Positions are tentative pending final course enrolments.

All qualified applicants are encouraged to apply. If assistance is required during applying, hiring, or during the appointment, please contact geography.admin@utoronto.ca

Course Number/Title/Description	Section	Class Schedule		Estimated Enrolments	Estimated T.A. Hours	Duties	Qualifications
		Day	Time				
ENV201H5 F Environmental Management Environmental management builds on topics discussed in ENV100 and GGR111/112, by focusing on conceptual frameworks and specific tools that can be used to formulate environmental management goals and support decision-making. Case studies will be used throughout to highlight different approaches, focusing primarily on Canadian examples. Topics include ecosystem and adaptive management, environment impact assessments, and the role of stakeholders. [24L, 9T]	LEC0101 TUT101 TUT102 TUT103	Mondays & Wednesdays Mondays Mondays Wednesdays	11:00 – 13:00 13:00 – 14:00 14:00 – 15:00 13:00 – 14:00	85	(will be subject to final enrollment figures)	All normal duties related to the design and teaching of a university credit course, including preparation and delivery of course content; development, administration and marking of assignments, tests and exams; calculation and submission of grades; holding regular office hours; supervising TA's assigned to course; order all necessary readings. The mode of instruction for this course is expected to be in-person. However, if this changes for any reason, you will be provided with as much advance notice as practicable.	PhD or PhD candidate in Environmental Management or a related field. Previous teaching experience in the Environmental Management subject would be an asset. Past teaching experience is the more relevant criterion in respect of the posted position

Course Number/Title/Description		Class Schedule		Estimated Enrolments	Estimated T.A. Hours	Duties	Qualifications
	Section	Day	Time				
GGR276H5 F Spatial Data Science I (Sci) Introduction to the study of geographical phenomena using descriptive and inferential statistics. Fundamentals of geographic data and statistical problem solving using non-spatial and spatial descriptive statistics. Decision making using evidence gathered from inferential statistical analysis. Graphical summary, geographic visualization and mapping of analytical results. Application of state of the art software for statistical analysis. Provides background for future studies in geographic information systems and advanced statistical analysis. The course strikes a balance between developing an understanding of core non-spatial and spatial statistical concepts, while demonstrating technical proficiency in the application of software to the study of geographical questions.[24L, 12P]	LEC0101 PRA0101 PRA0102 PRA0103	Tuesdays & Thursdays Fridays Fridays Fridays	13:00-15:00 9:00-11:00 11:00-13:00 13:00-15:00	60 20 20 20	(will be subject to final enrollment figures)	All normal duties related to the design and teaching of a university credit course, including preparation and delivery of course content; development, administration and marking of assignments, tests and exams; calculation and submission of grades; holding regular office hours; supervising TA's assigned to course; order all necessary readings. The mode of instruction for this course is expected to be in-person. However, if this changes for any reason, you will be provided with as much advance notice as practicable.	PhD or PhD candidate in Geomatics or a related field. Proficient with spatial statistics, ArcPro, R, and Excel. Previous experience teaching a similar course, and evidence of teaching excellence in the subject covered in the course would be an asset. The need to acquire experience is the more relevant criterion in respect of the posted position
GGR276H5 S Spatial Data Science I (Sci) Introduction to the study of geographical phenomena using descriptive and inferential statistics. Fundamentals of geographic data and statistical problem solving using non-spatial and spatial descriptive statistics. Decision making using evidence gathered from inferential statistical analysis. Graphical summary, geographic visualization and mapping of analytical results. Application of state of the art software for statistical analysis. Provides background for future studies in geographic information systems and advanced statistical analysis. The course strikes a balance between developing an understanding of core non-spatial and spatial statistical concepts, while demonstrating technical proficiency in the application of software	LEC0101 PRA0101 PRA0102 PRA0103	Tuesdays & Thursdays Fridays Fridays Fridays	13:00-15:00 9:00-11:00 11:00-13:00 13:00-15:00	60 20 20 20	(will be subject to final enrollment figures)	All normal duties related to the design and teaching of a university credit course, including preparation and delivery of course content; development, administration and marking of assignments, tests and exams; calculation and submission of grades; holding regular office hours; supervising TA's assigned to course; order all necessary readings. The mode of instruction for this course is expected to be in-person. However, if this changes for any reason, you will be provided with as much advance notice as practicable.	PhD or PhD candidate in Geomatics or a related field. Proficient with spatial statistics, ArcPro, R, and Excel. Previous experience teaching a similar course, and evidence of teaching excellence in the subject covered in the course would be an asset. The need to acquire experience is the more relevant criterion in respect of the posted position

Course Number/Title/Description	Section	Class Schedule		Estimated Enrolments	Estimated T.A. Hours	Duties	Qualifications
		Day	Time				
to the study of geographical questions.[24L, 12P]							
GGR278H5 S Geographical Information Systems (Sci) Introduction to models of representation and management of geographical data for scientific analysis. Basic quantitative methods and techniques for geographic data analysis, including collection, manipulation, description and interpretation. Practical exercises using GIS and statistical software packages with examples drawn from both physical and human geography. [24L, 12P]	LEC0101 PRA0101 PRA0102 PRA0103	Mondays & Wednesdays Thursdays Thursdays Thursdays	13:00-15:00 9:00-11:00 11:00-13:00 13:00-15:00	60 20 20 20	(will be subject to final enrollment figures)	All normal duties related to the design and teaching of a university credit course, including preparation and delivery of course content; development, administration and marking of assignments, tests and exams; calculation and submission of grades; holding regular office hours; supervising TA's assigned to course; order all necessary readings. The mode of instruction for this course is expected to be in-person. However, if this changes for any reason, you will be provided with as much advance notice as practicable.	PhD or PhD candidate in Geomatics or a related field. Proficient with ArcPro and other GIS software. Demonstrated evidence of teaching excellence would be an asset. Previous experience teaching a similar course is highly desirable. Past teaching experience is the more relevant criterion in respect of the posted position
GGR337H5 F Environmental Remote Sensing This introductory course emphasizes mastering fundamental remote sensing concepts and utilizing remotely sensed data for monitoring land resources and environmental change. Topics include surface-energy interactions, sensor systems, image interpretation, and applications for examining soil, vegetation and water resources. Upon completion of this course, students should have the necessary knowledge and skills to pursue more advanced work in digital image processing and remote sensing applications. [24L, 12P]	LEC0101 PRA0101 PRA1012	Tuesdays & Thursdays Tuesdays Thursdays	15:00–17:00 17:00–19:00 17:00–19:00	60 30 30	(will be subject to final enrollment figures)	All normal duties related to the design and teaching of a university credit course, including preparation and delivery of course content; development, administration and marking of assignments, tests and exams; calculation and submission of grades; holding regular office hours; supervising TA's assigned to course; order all necessary readings. The mode of instruction for this course is online synchronous.	PhD or PhD candidate in Geomatics or a related field. Proficient with ErDAS, ArcPro. Previous experience teaching a similar course, and evidence of teaching excellence in the subject covered in the course would be an asset. Past teaching experience is the more relevant criterion in respect of the posted 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.***

- ***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 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.***

- ***Duties of this position shall be performed at the campus on which the position is located. Where the duties are intended to be performed at another location, such other location will be specified in the posting.***

- ***The hiring criteria for Course Instructors positions are academic qualifications, the need to acquire experience, previous teaching experience and previous satisfactory employment under the provisions of this Collective Agreement.***

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

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