

CUPE3902, Unit 1

Course Instructor Postings

2024-25

Date posted: June 13, 2024

Closing date: July 8, 2024

Campus: St. George

The Department of Ecology & Evolutionary Biology seeks two (2) Course Instructors for the following course:

EEB313H1F – Quantitative Methods in R for Biology (0.25FCE each)

Course description: The quantitative analysis and management of biological data is crucial in modern life sciences disciplines. Students will develop skills with R as applied to problems in ecology and evolutionary biology to learn reproducible approaches for data management, data manipulation, visualization, modelling, statistical analysis, and simulation for solving biological problems. This course is delivered in person.

Estimate of the course enrolment: 32

Estimate of TA support: 160 hours

Class schedule: Lectures – Tuesdays 2:00-4:00pm; and Labs – Thursdays 2:00-4:00pm

Sessional dates of appointment: September 1, 2024 to December 31, 2024

Minimum Qualifications: An academic background in R programming and statistics is required, specifically as applied to biological problems.

Preferred Qualifications: An academic background in ecology and/or evolutionary biology is preferred. Prior experience teaching this or a similar university-level course is preferred.

Relevant Criterion: Past teaching experience is the more relevant criterion than the need to acquire experience in respect of these posted positions.

Description of the duties: Preparation and delivery of 50% of lectures and computing lab practicals (remaining 50% taught by co-instructing Course Instructor); prepare course syllabus; supervise teaching assistants assigned to course; available for office hours; preparation, supervision, and grading of tests, assignments and examinations in accordance with University regulations as described in the Faculty of Arts & Science Academic Handbook.

Rate of Pay (0.25FCE): \$4,547.06 plus vacation pay

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

The Department of Ecology & Evolutionary Biology seeks one (1) Course Instructor for the following course:

EEB434H1F – Marine Ecology (0.5 FCE)

Course description: This course explores the study of ecological processes in marine and coastal habitats. The course will cover processes operating from individuals to populations and communities to ecosystems, and spanning daily to decadal scales, and meters to global scales. The lab component of the course will apply lecture concepts and tools to specific case studies, which include hands-on activities/experiments/field excursions, and/or data synthesis and analysis.

Estimated course enrolment: 30 students

Estimated TA support: 70 hours

Class schedule: Lectures – Tuesdays 10:00am-12:00pm; and Labs – Thursdays 1:00-4:00pm

Sessional dates of appointment: September 1, 2024 to December 31, 2024

Minimum Qualifications: An academic background in ecology, specifically marine ecology is required.

Preferred Qualifications: A PhD, specifically in marine ecology, is preferred. Prior experience teaching this or a similar university-level course is preferred.

Relevant Criterion: Past teaching experience is the more relevant criterion than the need to acquire experience in respect of these posted positions.

Description of the duties: Prepare and deliver lecture and laboratories; prepare course syllabus; supervise teaching assistants assigned to course; available for office hours; preparation, supervision, and grading of tests, assignments and examinations in accordance with University regulations as described in the Faculty of Arts & Science Academic Handbook.

Rate of Pay (0.5FCE): \$9,094.13 plus vacation pay

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

The Department of Ecology & Evolutionary Biology seeks one (1) Course Instructor for the following course:

EEB325H1S: Evolutionary Medicine (0.25FCE)

Course description: How evolutionary principles can help us better understand health and disease. Concepts from evolutionary biology (e.g., life history theory, coevolution, genomic conflict, constraints and trade-offs) will be applied to key problems in medicine and public health, including antibiotic resistance, aging, cancer, autoimmune disease, and pathogen virulence.

Estimate of the course enrolment: 150

Estimate of TA support: 280 hours

Class schedule: Lectures – Mondays 11:00am-12:00pm and Wednesdays 11:00am-1:00pm; and Tutorials – Wednesdays 3:00pm-4:00pm, Thursdays 11:00am-12:00pm and 1:00pm-2:00pm

Sessional dates of appointment: January 1, 2025 to April 30, 2025

Minimum Qualifications: Academic background in the subject area and ability in teaching the course subject at a university level. A strong academic background in evolution of infectious diseases and/or human evolution; and demonstrated evidence of excellence in teaching at the university level.

Preferred Qualifications: A PhD in ecology and evolutionary is preferred. Past experience teaching this course or a similar university-level course.

Relevant Criterion: Past teaching experience is the more relevant criterion than the need to acquire experience in respect of these posted positions.

Description of the duties: Prepare and deliver 50% of lectures and prepare 50% tutorial activities (remaining 50% are prepared and delivered by a faculty member); prepare syllabus and, train and supervise teaching assistant(s) assigned to the course; conduct office hours; preparation, supervision, and grading of tests, assignments, and examinations in accordance with University regulations as described in the Faculty of Arts & Science Academic Handbook.

Rate of Pay (0.5FCE): \$4,633.50 plus vacation pay

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

Application process: Applicants should submit a cover letter and curriculum vitae via email to: Jenn English (jenn.english@utoronto.ca), Payroll Officer, Department of Ecology and Evolutionary Biology, University of Toronto, 25 Willcocks St., Toronto, Ontario, Canada M5S 3B2.

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 at nicole.mideo@utoronto.ca and/or Health & Wellbeing Programs & Services at hwb@utoronto.ca. For more information about accommodations at U of T, please visit our Accommodation webpage.

In accordance with Article 16:03(A) the hiring criteria for course instructor positions are: academic qualifications, the need to acquire experience, previous experience, and for continuing students, previous satisfactory employment.

Candidates who are members of Indigenous, Black, racialized and 2SLGBTQ+ 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, 2SLGBTQ+ 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.

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.

Note: Although a graduate student's preference as to the campus location of his/her TA appointment will be taken into account, both the initial TA appointment (or CI appointment) and the subsequent appointment obligation related to that appointment may be met through position(s) on any one of the three University of Toronto campuses (UTM, UTSC or St. George) in courses in the same discipline as the initial appointment. TAs will only be assigned to courses in fields in which they are or should be qualified to assist. 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.