

DEPARTMENT OF ECOLOGY & EVOLUTIONARY BIOLOGY

EMERGENCY POSTING

Teaching Assistant Positions - Course Development
Summer 2022

Posted on: June 17, 2022
Applications Due: June 27, 2022

| Course Number | Online TA System Course Code | Title | Course Enrolment (est.) | Number of Positions (est.) | Size of Appointment (# of hours) | Dates of Appointment | Tutorial/Lab Schedule (if known) | Qualifications | Relevant Criterion | Duties |
|---------------|------------------------------|---|-------------------------|----------------------------|----------------------------------|--------------------------|----------------------------------|--|---|---|
| BIO120H | BIO120H-CD | Adaptation and Biodiversity | n/a | 1 | 15 | July 1 - August 31, 2022 | n/a | An academic background in ecology and/or evolutionary biology is required. Previous experience teaching this course or similar introductory biology course is preferred. Previous experience with course recordings for synchronous and asynchronous viewing is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Troubleshoot system for live projection of lectures (synchronous online) and simultaneous recording for asynchronous viewing. |
| EEB240H | EEB240H-CD-lab | Environmental Biology: From Organisms to Ecosystems | n/a | 1 | 50 | July 1 - August 31, 2022 | n/a | An academic background in environmental biology is required. Previous experience teaching similar course in ecology and evolutionary biology is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Review lab manual from previous environmental biology course (ENV234) to help determine transferability of labs to EEB240. Review published labs in environmental biology to assess appropriateness for EEB240, with a special focus on outdoor labs run in winter. |
| EEB240H | EEB240H-CD-RCode | Environmental Biology: From Organisms to Ecosystems | n/a | 1 | 25 | July 1 - August 31, 2022 | n/a | An academic background in environmental biology is required. Previous experience with R and Rmarkdown is required. Previous experience teaching similar course in ecology and evolutionary biology is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Make existing labs accessible to students by developing materials in Rmarkdown for data processing, data visualization and data analysis. |
| EEB263H | EEB263H-CD | Comparative Vertebrate Anatomy | n/a | 2 | 35 | July 1 - August 31, 2022 | n/a | An academic background in ecology and evolutionary biology is required, specifically ontogeny and phylogeny of vertebrate structure. Previous experience teaching this course or similar course is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Review labs and prepare lab materials for delivery. |
| EEB267H | EEB267H-CD | Animal Diversity - Vertebrates | n/a | 2 | 10 | July 1 - August 31, 2022 | n/a | An academic background in ecology and/or evolutionary biology is required, specifically diversity of chordate animals (vertebrates, tunicates, and lancelets). Previous experience teaching this course or similar course is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Development of a laboratory exercise and lab exam, sorting and labeling lab specimens. |
| EEB320H | EEB320H-CD | Dynamics of Ecosystem Processes | n/a | 1 | 20 | July 1 - August 31, 2022 | n/a | An academic background in ecology is required, with preference given to ecosystem ecologists with knowledge of processes that govern the flux of nutrients, water and carbon. Previous experience teaching this course or similar course is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Research hands-on labs in ecosystem ecology and develop a lab with an outdoor (field) component. |
| EEB430H | EEB430H-CD | Modeling in Ecology and Evolution | n/a | 1 | 60 | July 1 - August 31, 2022 | n/a | An academic background in mathematical modeling and ecology and evolutionary biology is preferred. Previous experience with computer programming, especially LaTeX, Python, SageMath, Jupyter, and/or GitHub is preferred. <i>Revised June 22, 2022</i> | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Convert existing lecture materials and embedded mathematical analyses to interactive Jupyter Book |
| EEB458H | EEB458H-CD-Comp | Evolutionary Quantitative Genetics | n/a | 1 | 50 | July 1 - August 31, 2022 | n/a | An academic background in ecology and/or evolutionary biology is required, specifically quantitative genetic theory. Previous experience with R, Rmarkdown, and fitting mixed models in R using MCMCglmm or REML is required. Previous experience teaching this course or similar course is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Research and create lab materials using Rmarkdown. |
| EEB458H | EEB458H-CD-EDI | Evolutionary Quantitative Genetics | n/a | 1 | 20 | July 1 - August 31, 2022 | n/a | An academic background in ecology and/or evolutionary biology is required, specifically quantitative genetic theory. Previous experience teaching this course or similar course is preferred. Previous experience with developing inclusivity, equity and diversity materials is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Research and prepare materials to include in lectures that examine the history of eugenics in quantitative genetics |

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| EEB459H | EEB459H-CD | Population Genetics | n/a | 1 | 25 | July 1 - August 31, 2022 | n/a | An academic background in population genetics and mathematical models is required. Previous experience teaching this course or similar course is preferred. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Develop template for identifying where students have trouble with mathematical analyses. Develop and Include materials specific to structured coalescent methods. |
| EEB460H | EEB460H-CD | Molecular Evolution and Genomics | n/a | 1 | 10 | July 1 - August 31, 2022 | n/a | An academic background in evolutionary biology is required, specifically of evolutionary processes at the molecular level and molecular data analysis. Previous experience teaching this course or similar course is preferred. Previous experience with molecular software. | Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position | Course Development: Revise existing computer lab documentation, and generate additional documentation for students in order to help with troubleshooting course software on different platforms |

Rate of Pay (UG, SGS I and SGS II): \$47.17 per hour effective Jan 1, 2022

Application Process: Applicants will apply using EEB's Online TAsip Applications system. Log on to the following website using your existing UTORid and password.
<https://taships.its.artsci.utoronto.ca/eeb/login>

Instructions can be found on EEB's website:
https://eeb.utoronto.ca/wp-content/uploads/2020/05/OnlineTASystem_ApplicationInstructions.pdf

IMPORTANT: Online applications will close at 11:59pm on Monday, June 27, 2022

CUPE3902 Unit 1 Job Postings can be found online:
<http://unit1.brandequity.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 EEB Graduate Office at helen.rod@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 teaching assistant 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 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 positions posted above 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.

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.