<table>
<thead>
<tr>
<th>Course number and Title</th>
<th>Max Enrol</th>
<th>Est. TA Support</th>
<th>Sessional Date of Appointment</th>
<th>Duties</th>
<th>Qualifications</th>
<th>Relevant Criterion</th>
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<tr>
<td>BIO325H5S-Biomechanics</td>
<td>72</td>
<td>210 hrs</td>
<td>Jan 1 – May 31, 2023</td>
<td>Normal duties associated with teaching a university course, including preparation and delivery of course content, development, administration and marking of assignments, tests and exams, calculation and submission of grades (may include make-up exams), holding regular office hours, supervise TAs assigned to the course (if any).</td>
<td>The candidate must have a PhD degree or be in the final stages of a PhD. The decision on hiring will be based on previous teaching experience in this course or other similar courses, academic qualifications and suitability for the position. Knowledge of structural adaptation at the organ level of organization subject to the constraints of solid and fluid mechanics. Knowledge of mathematical</td>
<td>The need to acquire experience is the more relevant criterion than past teaching experience in respect of this posted position.</td>
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From the form of an organism one can read its evolutionary history. This course addresses the use of organ systems to find and process food, escape enemies by locomotion, reproduce by pollination vectors, filter nutrients, exchange gases, coordinate and make decisions. Content includes the mechanics of moving in fluids by swimming and flying, sending and receiving of signals at body surfaces, the microstructure of materials. Forces are seen to have adaptively affected the shape and leverage of skeletons. (0.25 FCE)

**Prerequisites:** BIO152H5 and BIO153H5
**Recommended Preparation:** BIO202H5 or BIO204H5
Salary (In accordance with the CUPE 3902 Unit 1 Collective Agreement):

Effective January 1, 2023, the rate of pay for a Course Instructor is $16,285.02 plus vacation pay (Y, full course, 1.0 FCE), $8,142.51 plus vacation pay (H, half course, 0.5 FCE) and $4,071.25 plus vacation pay (0.25 FCE).

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.

Interested applicants: Please email your CV and CUPE3902 Unit 1 application form with "Unit 1 BIO325 Course Instructor 2023 Winter" in the subject line to linxiao.xiao@utoronto.ca by June 3, 2022.

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 of Toronto invites all qualified applicants to make application.

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.

All jobs are posted in accordance with the CUPE 3902 Unit 1 Collective Agreement. It is understood that some announcements of vacancies are tentative, pending final course determinations and enrollment.

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.

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

The hiring criteria for Course Instructor positions are academic qualifications, the need to acquire experience, previous teaching experience and previous satisfactory employment under the provisions of this collective agreement.