

**School of the Environment**  
**Sessional Appointments Fall 2024**  
**(Sept. 9<sup>th</sup> – Dec. 4<sup>th</sup>, 2024)**



School of the Environment invites internal and external applications from qualified individuals who are interested in teaching the following courses:

<p><b>ESCI 1130-91</b>  <b>Atmosphere and Climate</b>  <b>Thursdays: 7:00 pm – 9:50 pm (Lecture)</b>  <b>This course is taught synchronous online.</b></p>	<p>An introduction to the atmosphere and the basic principles of meteorology and climatology. Topics include weather systems, atmospheric pollution and inadvertent climate modification, climate change and relationships between climate and living organisms. (3 lecture hours per week.)</p>
<p><b>ESCI 1141-1</b>  <b>Cartography &amp; Digital Mapping</b>  <b>Tuesdays &amp; Thursdays: 8:30 am – 9:20 am (Lectures)</b>  <b>Tuesdays: 2:30 pm to 4:20 pm (Lab)</b>  <b>Thursdays: 2:30 pm – 4:20 pm (Lab)</b>  <b>This course is taught in person.</b></p>	<p>This introductory course focuses on the key elements of map design, representation of spatial data and map interpretation. Topics will include projections, datums and coordinate reference systems, scale properties and unit calculations, map symbology and map accuracy. Different mapping approaches, such as choropleth, isoline and dot mapping will be utilized throughout the course. Web-based mapping will be introduced. Maps will be designed, generated, and interpreted using paper-based media and modern cartographic software in a laboratory setting. (2 lecture, 2 laboratory hours a week.)</p>
<p><b>ESCI 2020-30</b>  <b>Discovering Dinosaurs</b>  <b>Mondays: 7:00 pm – 9:50 pm (Lecture)</b>  <b>This course is taught in person.</b></p>	<p>The origin, evolution, behaviour, ecology, and extinction of dinosaurs, and how these aspects of dinosaur science are understood through the study of their fossils. How the public perception and scientific interpretation of dinosaurs have changed over time as a result of new discoveries. (3 lecture hours per week)</p>
<p><b>ESCI 2600-1</b>  <b>Principles of Resource Management</b>  <b>Tuesdays: 7:00 pm – 9:50 pm (Lecture)</b>  <b>This course is taught in person.</b></p>	<p>Systems analysis methodologies, scientific theories, ecological approaches, and sustainable resource management principles will be presented to examine the interrelationships governing the availability and cumulative impacts of utilizing both renewable and non-renewable resources. Resource management auditing methods and techniques will be applied for the assessment of several indicators, including carrying capacity, ecological footprints, demographic transition, energy flows, agrosystems, land degradation, air and water quality, deforestation, biodiversity and successional changes. Discussions will also focus on integrative and adaptive resource management techniques and best management practices. (3 lecture hours a week.)</p>
<p><b>ESCI 4808-30</b>  <b>Life of the Honey Bee</b>  <b>Mondays &amp; Wednesdays: 7:00 pm to 9:50 pm (Lectures)</b>  <b>This course is taught synchronous online.</b></p>	<p>The honey bee has been a valued and resourceful contributor to human civilizations since ancient Egypt. In this course, you will study the history of beekeeping up to modern-day practices. You will examine the lives of key individuals who were captivated by the honey bee and through their work have enriched our apiculture knowledge. Also explored are the wonders of the honey bee society, their life and times, and their economic and environmental contribution. We'll discover why these essential pollinators are vital to their colony, the agricultural industry, and the human food system. In the last ten years, global alarms have sounded concerning the well-being of the honey bee.</p>

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As required by the Collective Agreement identified under Section 54:08 (a) of the [WUFA Collective Agreement](#), the School of the Environment is hereby calling for applications who are suitably qualified and interested in teaching the above-mentioned courses.

- Applicants who have taught courses in the School of the Environment are asked to submit an UPDATED full C.V., and student evaluation scores.
- Applicants from outside the University of Windsor; as well as those who haven't held an appointment within the School of the Environment, are REQUIRED to include a full C.V., student evaluations scores or emails from students, and ADDITIONALLY three letters of reference.

#### PLEASE NOTE THE FOLLOWING:

- The courses offered are subject to budgetary approval and sufficient enrolment. This listing is subject to change or cancellation.
- Incomplete applications will not be considered by the SOE Appointments Committee.
- The University of Windsor is committed to employment equity and especially welcomes applications for this position from aboriginal peoples, persons with disabilities and members of visible minorities.
- Applications from women are particularly encouraged.

Contact The School of the Environment via email at [environment@uwindsor.ca](mailto:environment@uwindsor.ca)

**APPLICATION DEADLINE: May 31st, 2024, at 4:00 pm**

cc:

- WUFA
- Deans Office, Faculty of Science
- Ms. Alice Grgicak-Mannion, Acting Director - School of the Environment
- Ms. Sharon Rasul, Faculty of Science
- Faculty, The School of the Environment
- Ms. Iva Gentcheva, Provost & Vice-President, Academic

**POSTED May 17, 2024.**