Course Title: Environmental Science & Sustainability

Course Number and Section
ENVIRONMENTAL SCIENCE 1021F - 550

Instructor Name(s):
Brennan Vogel

Instructor Email(s):
bvogel@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:
An overview of the science underlying key environmental issues (e.g. climate change, loss of biodiversity and ecosystem function, air and water pollution, and resource use) and how each issue impacts environmental sustainability from the local to global scale.

Learning Outcomes:
- Develop ecological literacy in the context of local and global ecosystems and the changes they face
- Survey earth's different biomes and contrast current challenges and sustainable options for future development
- Cultivate systems thinking recognizing that environmental issues are multi-faceted and multi-scaled
- Examine and understand the connection between human actions and their environmental consequences
- Sharpen critical thinking skills as applied to solving real world problems
- Gather, organize, analyse and synthesize information about a critical environmental issue and create a professional report
- Use the skills developed in this course to make informed and well-thought-out life choices regarding environmental issues

Textbooks and Course Materials:

https://bookstore.uwo.ca/textbook-search?campus=HC&term=W2023A&courses%5B0%5D=550_HC/ENV1021F

Methods of Evaluation:

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<tr>
<th>Assignment</th>
<th>Due Date mm/dd/yy</th>
<th>Weight - %</th>
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<td>Attendance/Participation</td>
<td>Ongoing</td>
<td>5%</td>
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<td>Project</td>
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<tr>
<td>Midterm</td>
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<tr>
<td>Final</td>
<td>TBD December</td>
<td>30%</td>
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In solidarity with the Anishinaabe, Haudenosaunee, Lu'haapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.