



About me:

- I started at the University of Victoria in July 2021. I am ~~enrolled~~ <sup>appointed</sup> to Geography and Civil Engineering. My research is focused on the geography of renewable energy transitions, energy justice and energy democracy. You can learn more about my research program at <https://socialexergy.com/>
- My pronouns are she/her.

*Please note that I reserve the right to change aspects of this course outline if necessary. This could be due to unforeseen circumstances (such as a pandemic!), or due to a class decision. If there is a major change, all students will be notified simultaneously via Brightspace as soon as possible.*

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## REQUIRED ~~TEXT~~

Students are required to do the readings before class, so that they can arrive ready to discuss them with their classmates.

A list of readings available online from the library is posted on Brightspace.

## RECOMMENDED ~~TEXT~~

A list of readings available online from the library is posted on Brightspace.

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## LEARNING ~~OUTCOMES~~

- To have a strong working understanding of the complex array of social, spatial, environmental, political and distributional challenges and opportunities that cities face in reducing their environmental impacts and becoming healthy and just places to live for citizens.
- To contribute to a constructive and positive learning environment for yourself, the course director and your classmates. I recommend arriving to class prepared to discuss the assigned reading, prepared to listen carefully to your classmates and course director. If you don't understand someone's perspective, I recommend that you engage in curiosity and calmly ask questions. Skillful communication means avoiding interrupting others and letting them know you are sincerely listening to them and responding to their ideas, rather than waiting for the opportunity to insert your own.
- Hone your problem-solving skills for complex urban systems and sustainability. There are no simple, linear, or "one size fits all" answers when designing sustainable cities, particularly with multiple co-occurring social and environmental crises. An important skill to develop in this course is to process a range of complex information from a range of sources and try to synthesize it, recognizing there are always trade-offs and no easy solutions.
- To understand the importance and potential methods of citizen engagement in designing and implementing sustainability solutions in cities.
- Develop the knowledge base to distinguish between solutions that are likely to bring about lasting sustainability, as opposed to "green washing" "false solutions" to creating or improving sustainable cities.
- Develop appropriate communication skills of the complex challenges and solutions to create sustainable cities. This means being ready to explain the problem and potential solutions to decision makers, citizens, your neighbours and businesses so that others can understand and

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F	0	0-49%	Unsatisfactory performance. Wrote final examination and completed course requirements; no supplemental.
N	0	0-49%	Did not write examination or complete course requirements by

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- If you have a question about the assignment or any aspects of the syllabus please visit me during office hours and/or ask your question in class. Content related questions will be discussed in class, or on online discussion forums with the entire group
- Reasons for email:
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the Centre for Accessible Learning (CAL) as soon as possible (<http://evic.ca/services/ca/>). The CAL staff is available by appointment to assess specific needs, provide referrals, and arrange appropriate accommodations.

WEEK	DATE	Topic
1	January 12 2023	Course Introduction
2	January 19 2023	Urban ecological footprints-can cities be sustainable?
3	January 26 2023	Impacts on Cities <i>Assignment 1 due</i>
4	February 2 2023	Urbanization and Industrial Clusters
5	February 9 2023	Energy and Transportation
6	February 16 2023	Energy
NA	February 23 2023	Reading break No class
7	March 2 2023	Navigating solutions-ideal cities <i>Assignment 2 due</i>
8	March 9 2023	Sustainability clusters
9	March 16 2023	Justice in urban sustainability
10	March 23 2023	Nature based solutions
11	March 30 2023	Food Security and Urban Gardening
12	April 6 2023 (last day of class)	TBD- <i>Assignment 3 is due</i>

DISCLAIMER

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