

sensitive to environmental change. Human activities are having massive impacts on microbial composition and function across the world, with hard-to-predict consequences. Industry aims to harness microbial activities for human gain. The extent to which we can control immense microbial powers in the environment remains to be seen, but it's clear that microbes hold the world in their cilia/hyphae/biofilms/etc...

1. What microbes do and why it matters
2. Classical and emerging methods for studying microbes
3. Microbial diversity and microbial roles across environments
4. The potential for managing microbes and microbial functions in the environment
- 5.

research and citation methods, please reach out to me. Note that you are expected to seek out additional information on academic integrity from me or from other institutional resources (for example, the University of Toronto website on Academic Integrity).

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I look forward to working with students with diverse learning needs in this course. I strive to create a classroom environment that is welcoming and inclusive and have considered this as I designed the course. However, I can always do better and benefit from feedback I receive from students. If there are specific things that I can improve to help you or your peers in learning, please let me know. Keep in mind that there are sometimes tradeoffs, so I do my best to balance different needs. For instance, sans serif fonts (like the one used in this syllabus) are often considered to be more broadly readable, although some have an easier time reading Comic Sans or fonts specialized for

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The University of Toronto strives to provide a family-friendly environment. I am also a parent and have worked with a number of students who are balancing school and family life. You may wish to inform me if you are a student with family responsibilities. If you are a student parent or have other family responsibilities, you also may wish to visit the Family Care Office website at familycare.utoronto.ca.

For more information about the land acknowledgement and its use, visit:
<https://indigenous.utoronto.ca/about/land-acknowledgement/>



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