

GEOG 207 – Climate Change Fundamentals

Climate change is one of the most profound environmental and social issues affecting communities, nations and individuals. This course is an introduction to this global challenge, including its scientific underpinnings, history, potential impacts on natural systems and human societies around the world, and two societal responses: adaptation and greenhouse gas mitigation. Opportunities to develop sustainable resilient communities, as well as Canadian climate change policy responses, will be highlighted. The goal of this course is to provide students of any discipline with the fundamentals of climate change: both biophysical and human dimensions. This course will provide students with an opportunity to hone science communication skills, explore sources of scientific uncertainty, political complexities, and equity implications of this global challenge. This course is intended for undergraduate students of all backgrounds (arts, social sciences, and sciences) who wish to explore the biophysical and human dimensions of climate change.

This course was originally designed as an online course by the Centre for Extended Learning.

This course has weekly quizzes (40% of final grade) and discussion posts (20%) as well as two essay style assignments (20% each).