

Brief Course Outline

Course Title: Environmental Science & Sustainability

Course Number and Section:

ENVIRSCI

1021G 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:

EnvirSci 1021 – Environmental Science & Sustainability – 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. Extra Information: 3 lecture/tutorial hours.

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, analyze and synthesize information about a critical environmental issue of research interest and create a professional report
Use the skills developed in this course to make informed and considerate life choices regarding environmental issues, ethics and responsibility

Textbooks and Course Materials:

Environmental Science For A Changing World Ebook Achieve 150

Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Attendance/Participation	04/30/25	5

Assignment	Due Date mm/dd/yy	Weight - %
Weekly Online Quizzes		15
Project		30
Mid Term		20
Final		30

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Thursday, November 28, 2024