

Huron Brief Course Outlines

Fall/Winter 2023-2024

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:

Karr, Susan. ENVIRONMENTAL SCIENCE: For a Changing World. FOURTH EDITION. ISBN: 978-1-319-36313-0 (ePub). © 2021, 2018, 2015, 2013 by W. H. Freeman and Company

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

Methods of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Attendance/Participation	Ongoing	5%

Assignment	Due Date mm/dd/yy	Weight - %
Weekly Online Quizzes	Ongoing	15%
Project	12/07/2023	30%
Midterm	10/25/2023	20%
Final	TBD December	30%

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