

Faculty of Social Sciences  
Department of Geography

Geography 491 A02  
ADVANCED TOPICS IN DYNAMICS OF THE CRYOSPHERE  
FALL 2018

Instructor: Dr. Randy Scharien  
Office: David Turpin Building B122  
Office Hours: Wednesday

For project work and the topic review paper you will be expected to make additional use of scientific and policy reports, journal articles, and book chapters in support of your work. Recommended sources will be provided by the course instructor.

## CourseSpaces

You will be required to access the CourseSpaces site for required readings, important announcements, instructor notes, your grades, and additional information (e.g. discussion topics). Please take the time to familiarize yourself with CourseSpaces if you have not already done so.

## Course Organization

### CLASS MEETINGS

Class meetings will typically comprise discussions around a topic as initiated by the instructor or used for term project work. Topics covered include:

- Components of the cryosphere
- Material properties of water, ice, and snow
- Energy exchanges
- Snow and freshwater ice
- Glaciers and Ice Sheets
- Melt runoff and floods
- Sea ice
- Permafrost
- Climate interactions and climate change



## FINAL EXAM

There is no final exam in this course.

Grading Scheme

## Tentative Course Schedule

Week		Activity
1	05 SEP	COURSE INTRODUCTION.

3. Please provide specific suggestions as to how this course could be improved.

### Academic Integrity

Academic integrity requires commitment to the values of honesty, trust, fairness, respect and responsibility. It is expected that students, faculty members and staff at the University of Victoria, as members of an intellectual community, will adhere to these ethical values in all activities related to learning, teaching, research and service. Any action that contravenes this